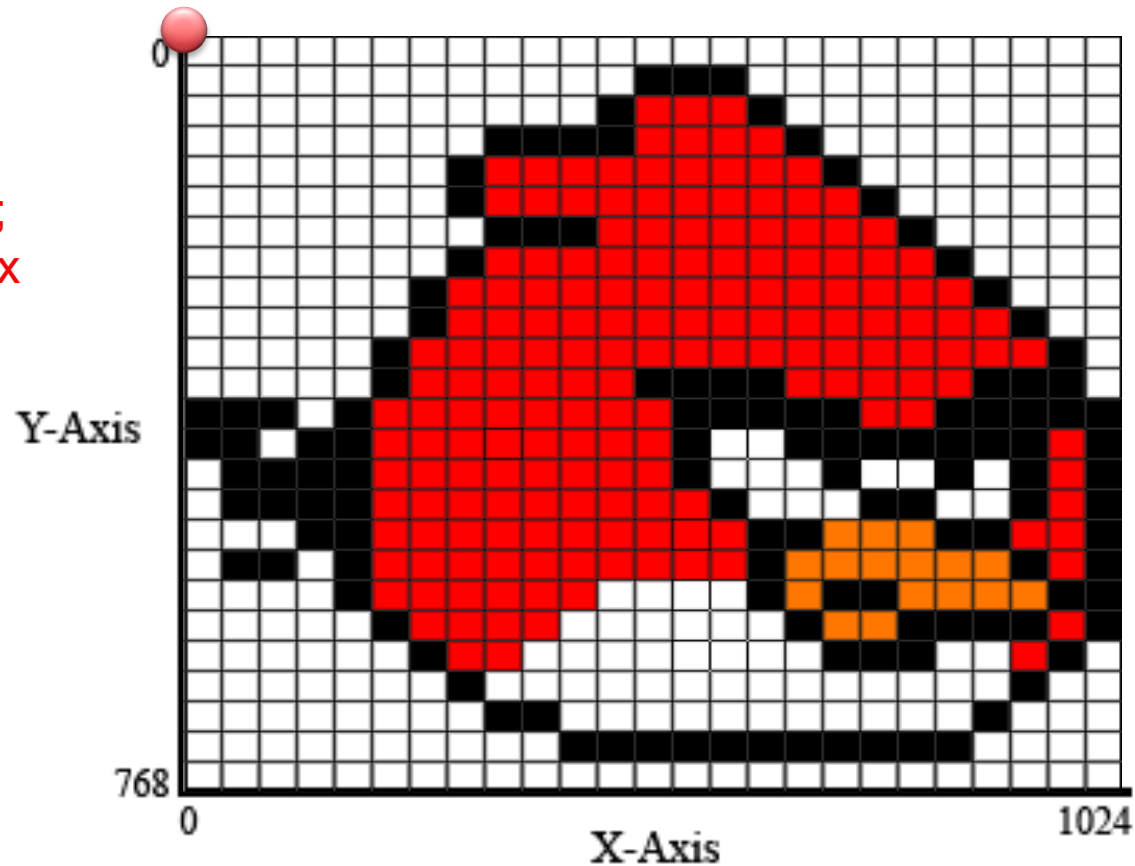## Resolution and position [1024x768] pixels

top : 0 px;
left : 0 px;

OR

right : -1024 px;
bottom : -768 px
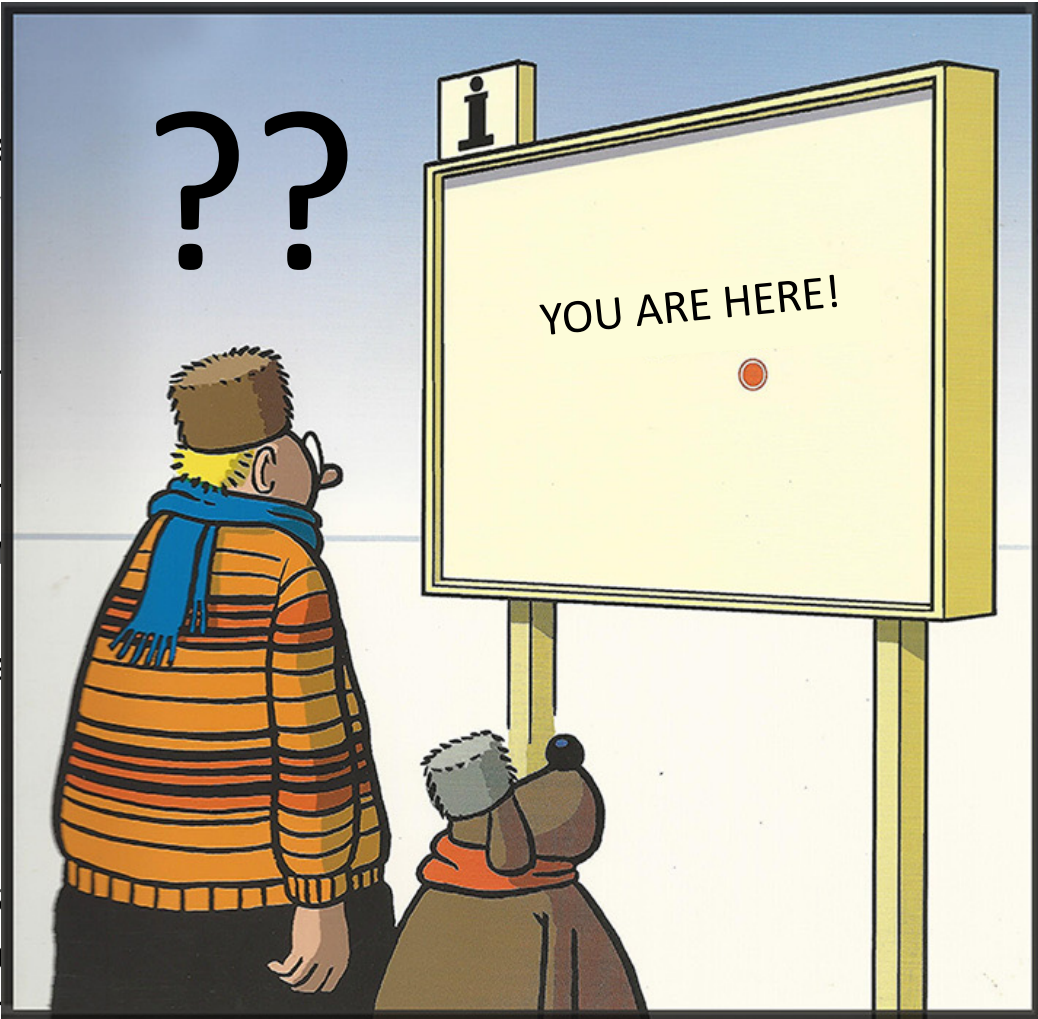
Relative positioning

Once a box has been laid out according to the normal flow or floated, it may be offset relative to this position. This is called relative position   the box (B2) that follows: B2 is given a position as if B1 were   is applied. This implies that relative positioning may cause   uses an overflow: auto or overflow: scroll box to have o   this content (at its offset position), which, through the

A relatively positioned box ke   space originally reserved for it.
A relatively positioned box es   positioned descendants. (This is a common use of relatively   xplains when a relatively positioned box establishes a r

For relatively positioned elem   hout changing their size. Left moves the boxes to the right,   split or stretched as a result of left or right, the used values a

If both left and right are auto   xes stay in their original position).

If left is auto, its used value is   eft by the value of right).
If right is specified as auto, its

If neither left nor right is auto   s to be ignored. If the direction property of the containing blo   . If direction of the containing block is rtl, right wins and left is ignored.

1 min

3

Possibilities

```css
position: static;       /*normal postion - here are you now*/
position: absolute;     /*in relation to a corner point*/
position: relative;     /*in relation to a normal position*/
position: fixed;        /*glued to a fixed postion*/
```

```html
<header>
    LOGO
</header>
<nav>
    TomTom 1, TomTom 2, TomTom 3,
</nav>
<article>
    <h1>
    It's a chopper, baby.
    </h1>
    <p>
        "Whose chopper is this?" "Zed's."
        "Who's Zed?" "Zed's dead, baby, Zed's dead."
        <img
            src="img/zed.png"
            alt="Key of Zed"
            title="ZED is Dead"
            >
    </p>
</article>
<aside>
    Commercials nobody is waiting at. So boring here.
</aside>
<footer>
    &copy; Pulp Fiction 1994
</footer>
```


5

```html
<header>
    LOGO
</header>
<nav>
    TomTom 1, TomTom 2, TomTo
</nav>
<article>
    <h1>
    It's a chopper, baby.
    </h1>
    <p>
        "Whose chopper is thi
        "Who's Zed?" "Zed's o
        <img
            src="img/zed.png'
            alt="Key of Zed"
            title="ZED is Dea
        >
    </p>
</article>
<aside>
    Commercials nobody is wai
</aside>
<footer>
    &copy; Pulp Fiction 1994
</footer>
```

```css
nav
    {
    background : #000;
    color: #FFF;
    }
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }
p
    {
    background : #FFC;
    }
img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    }
aside
    {
    width: 100px;
    background : #DDD;
    float: right;
    }
footer
    {
    background : #000;
    color: #FFF;
    clear: both;
    text-align: center;
    }
```


6

article margin is the grey area

article border is the "darker" pink


```
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }
p
    {
    background : #FFC;
    }
img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    }
```

article padding, is the blue hatched area


```css
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }
p
    {
    background : #FFC;
    }
img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    }
```

LOGO

TomTom 1, TomTom 2, TomTom 3,

Commercials nobody is waiting at. So boring here.

It's a chopper, baby.

"Whose chopper is this?" "Zed's." "Who's Zed?" "Zed's dead, baby, Zed's dead."

© Pulp Fiction 1994

9

paragraph "content" background is the yellow area


```
article
    {
    width: 640px;
    ■ background : #F8F;
    margin: 10px;
    ■ border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }
p
    {
    □ background : #FFC;
    }
img
    {
    ■ background : #8F8;
    margin: 10px;
    ■ border: solid 10px #0F0;
    padding: 10px;
    }
```

LOGO

TomTom 1, TomTom 2, TomTom 3,

It's a chopper, baby.

"Whose chopper is this?" "Zed's." "Who's Zed?" "Zed's dead, baby, Zed's dead."

Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here.

© Pulp Fiction 1994

10

image margin, blue hatched area

```
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }

p
    {
    background : #FFC;
    }

img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    }
```


LOGO

TomTom 1, TomTom 2, TomTom 3,

It's a chopper, baby.

"Whose chopper is this?" "Zed's." "Who's Zed?" "Zed's dead, baby, Zed's dead."

Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here.

© Pulp Fiction 1994

img border, is the "darker" green

img padding, is "lighter" green around the image


```
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }
p
    {
    background : #FFC;
    }
img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    }
```
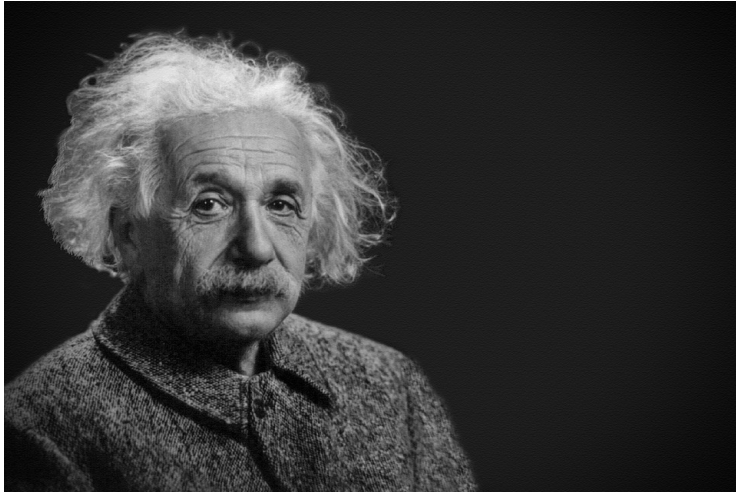
13

static

absolute

relative

fixed

REMEMBER

```
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }

p
    {
    background : #FFC;
    position : static;
    top : 50px;
    left: 75px;
    }

img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    }
```

?

Adding **static on p**, what is the result ?

30 sec

© Pulp Fiction 1994

```
article
    {
    width:
    background
    margin:
    border:
    padding
    float:
    }
p
    {
    background : #FFC;
    position : static;
    top : 50px;
    left: 75px;
    }
img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    }
}
```

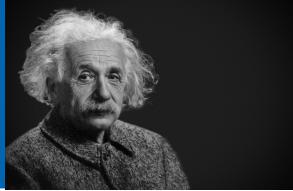# Position on an applied science way

```
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }

p
    {
    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
    }

img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    }
```

?

Adding **relative on p**, what is the result ?

30 sec

```
article
    {
    width:
    background
    margin:
    border:
    padding
    float:
    }

p
    {
    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
    }

img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    }
```
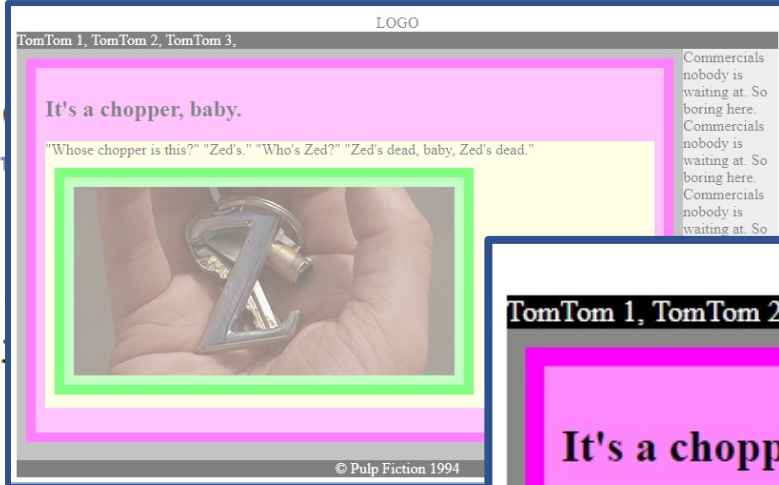
```
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }

p

    {

    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
    }

img

    {

    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    position : static;
    top : 100px;
    left: 200px;
    }
```
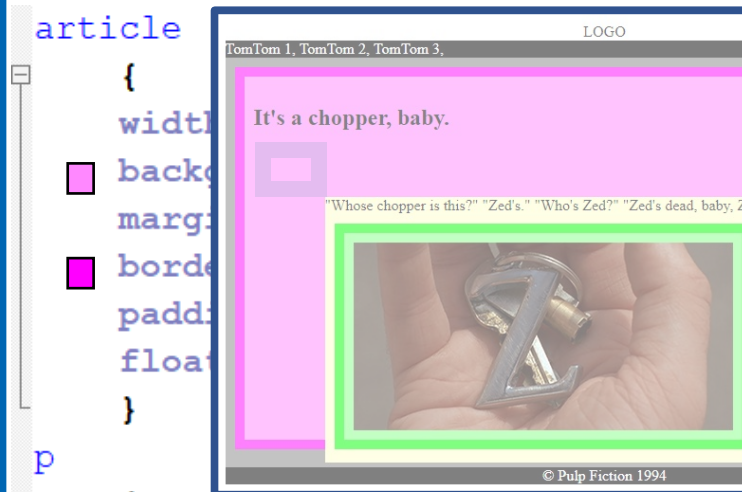
Adding **static on img**, what is the result ?

30 sec

?

LOGO

TomTom 1, TomTom 2, TomTom 3,

It's a chopper, baby.

"Whose chopper is this?" "Zed's." "Who's Zed?" "Zed's dead, baby, Zed's dead."

Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here.

© Pulp Fiction 1994

```
article
    {
    widt
    backg
    marg
    bord
    padd
    float
    }
p
    {
    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
    }
img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    position : static;
    top : 100px;
    left: 200px;
    }
```


LOGO

TomTom 1, TomTom 2, TomTom 3,

It's a chopper, baby.

Commercials nobody is waiting at. So boring here. Commercials nobody is waiting at. So boring here.

"Whose chopper is this?" "Zed's." "Who's Zed?" "Zed's dead, baby, Zed's dead."

© Pulp Fiction 1994

```
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }
p
    {
    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
    }
img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    position : relative;
    top : 100px;
    left: 200px;
    }
```
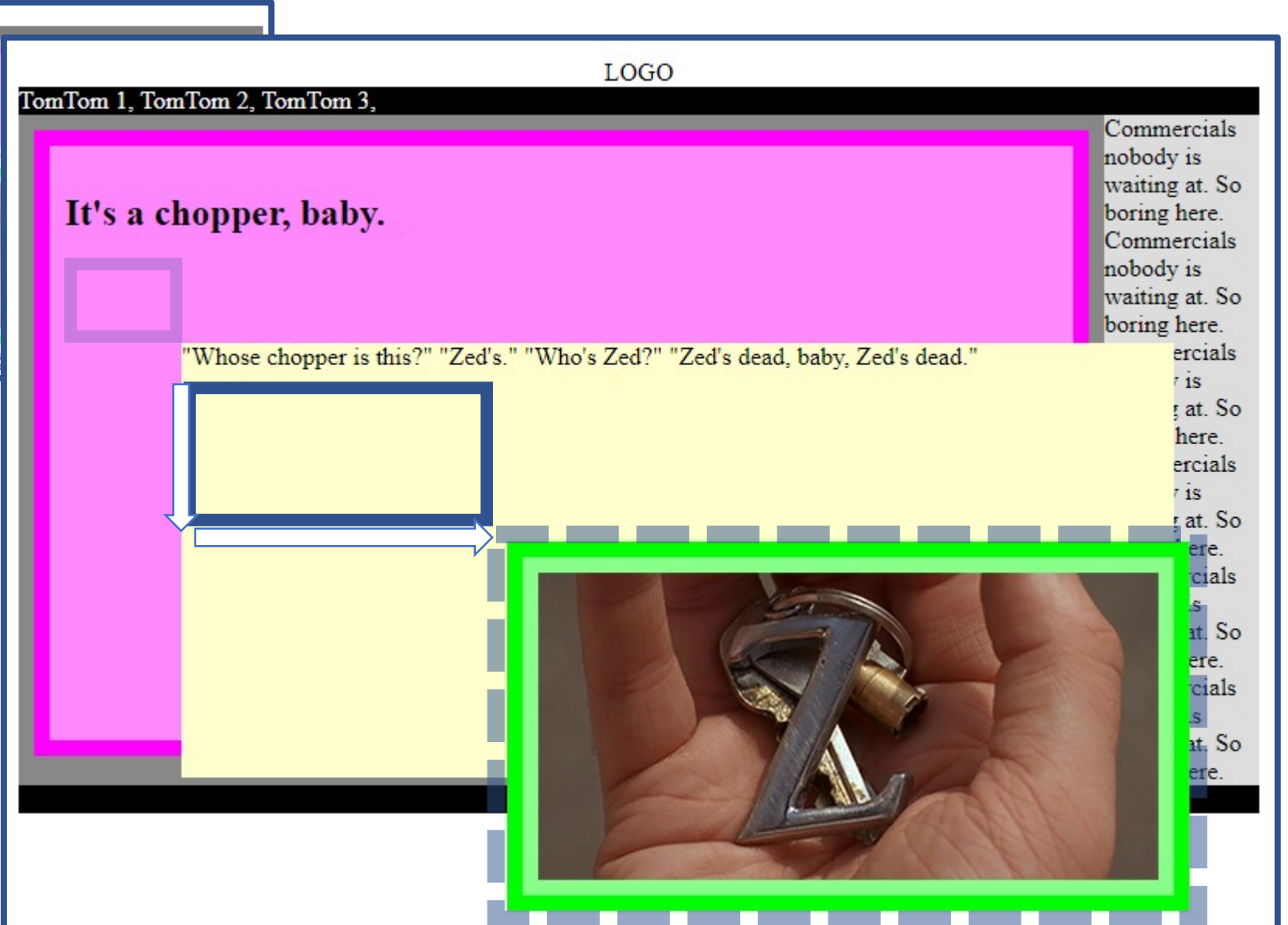
Adding **relative on img**, what is the result ?

30 sec

?

© Pulp Fiction 1994

21

```
article
{
    width
    background
    margin
    border
    padding
    float
}
p
{
    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
}
img
{
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    position : relative;
    top : 100px;
    left: 200px;
}
```

```
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }
p
    {
    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
    }
img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    position : absolute;
    top : 100px;
    left: 200px;
    }
```

Adding **absolute on img**, what is the result ?

30 sec

?

```
article
    {
    width
    back
    marg
    bord
    padd
    floa
    }

p
    {
    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
    }

img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    position : absolute;
    top : 100px;
    left: 200px;
    }
```

```
article
    {
    width: 640px;
    background : #F8F;
    margin: 10px;
    border: solid 10px #F0F;
    padding: 10px;
    float: left;
    }
p
    {
    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
    }
img
    {
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0;
    padding: 10px;
    position : fixed;
    top : 100px;
    left: 200px;
    }
```

Adding **fixed on img**, what is the result ?

30 sec

?

25

```
article
{
    width
    back
    marg
    bord
    padd
    floa
}

p
{
    background : #FFC;
    position : relative;
    top : 50px;
    left: 75px;
}

img
{
    background : #8F8;
    margin: 10px;
    border: solid 10px #0F0
    padding: 10px;
    position : fixed;
    top : 100px;
    left: 200px;
}
```
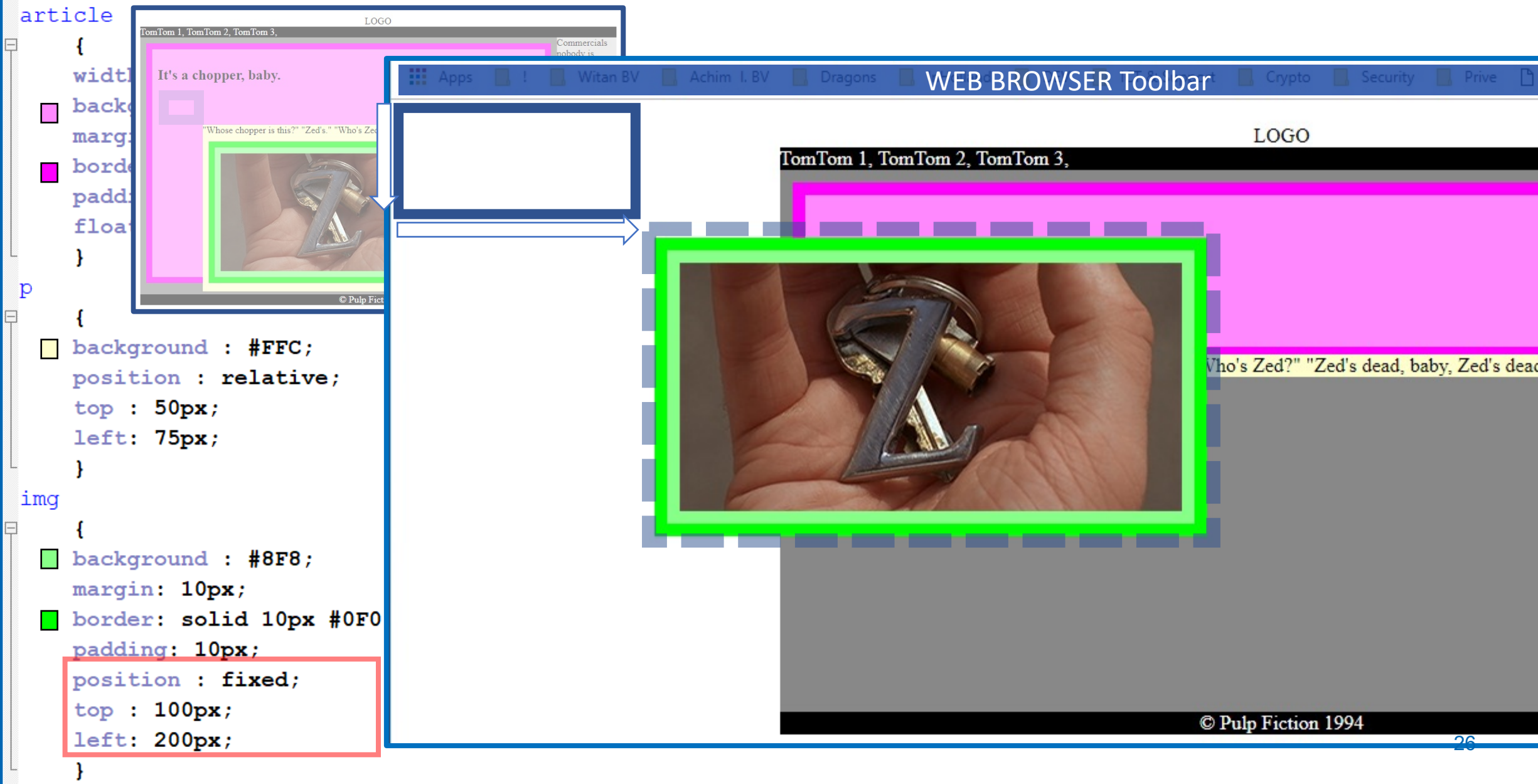
WEB BROWSER Toolbar

position: static;

position: fixed;

position: static;

position: relative; bottom: 40px; left: 40px;

position: relative; bottom: 0px; left: 0px;

position: absolute;

position: static;