

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<?xml-stylesheet type = "text/css"  
    href = "cd_catalog_artist.css"?>
```

```
<catalog>
```

```
  <cd>
```

```
    <title>Empire Burlesque</title>
```

```
    <artist>Bob Dylan</artist>
```

```
    <country>USA</country>
```

```
    <company>Columbia</company>
```

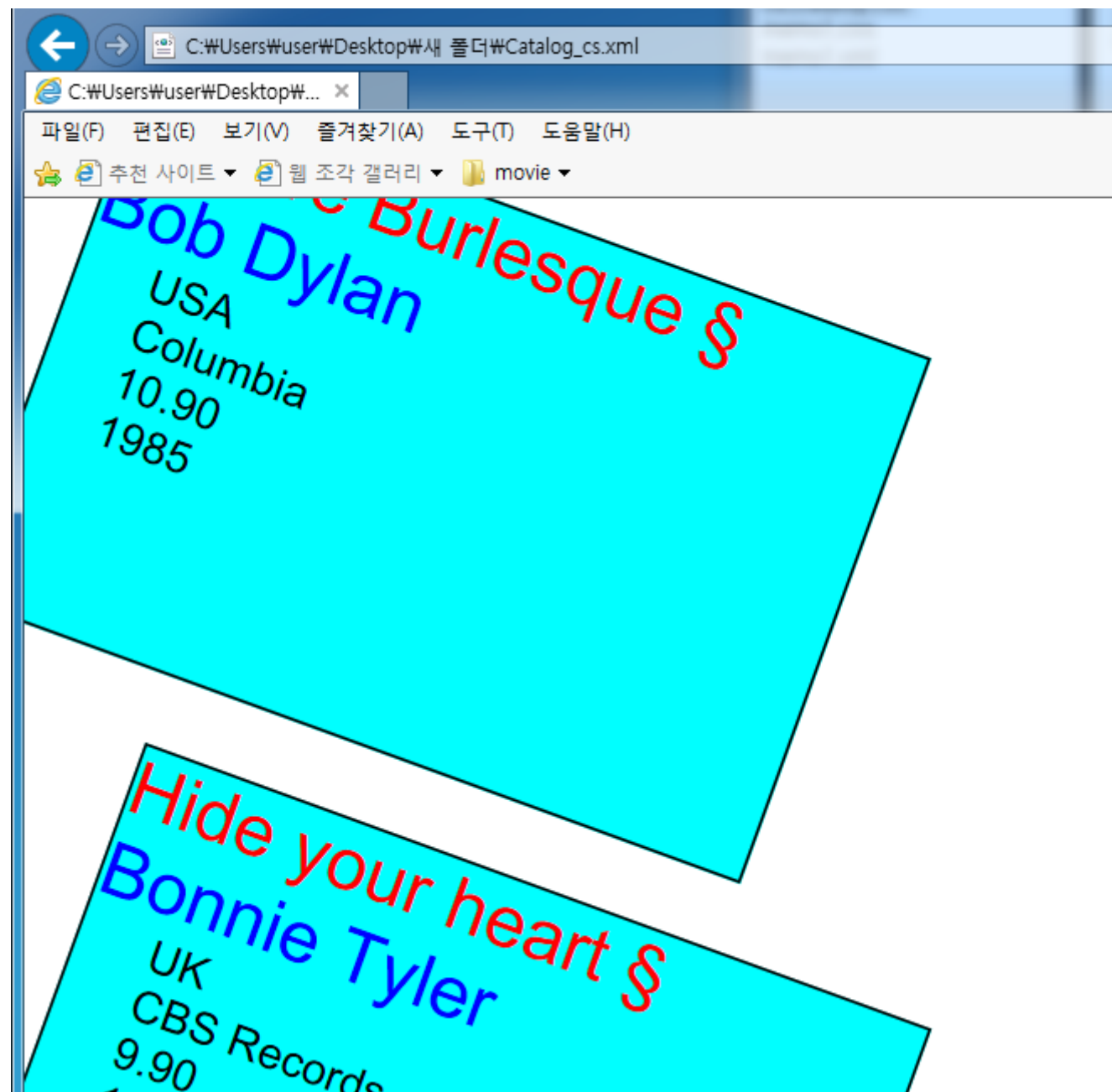
```
    <price>10.90</price>
```

```
    <year>1985</year>
```

```
  </cd>
```

```
cd {  
    height: 200px;  
    width: 300px;  
    background: cyan;  
    border: 1px solid black;  
    display: block;  
    margin-bottom: 30pt;  
    margin-left: 0;  
    font-family: Arial, "Times New Roman", Times, serif;  
}  
cd {transform: rotate(20deg);}
```

cd_catalog_rotate.css



```
cd {  
    height: 200px;  
    width: 300px;  
    background: cyan;  
    border: 1px solid black;  
    display: block;  
    margin-bottom: 30pt;  
    margin-left: 0;  
    font-family: Arial, "Times New Roman", Times, serif;  
}
```

```
cd {transform: rotate(-20deg);}
```

mpire Burlesque
Bob Dylan

USA
Columbia
10.90
1985

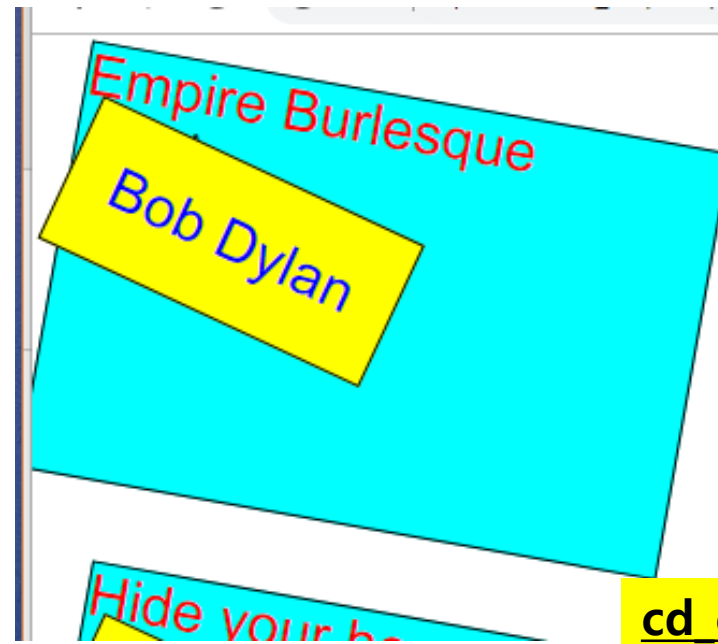
ide your heart
Bonnie Tyler

UK
CBS Records
9.90

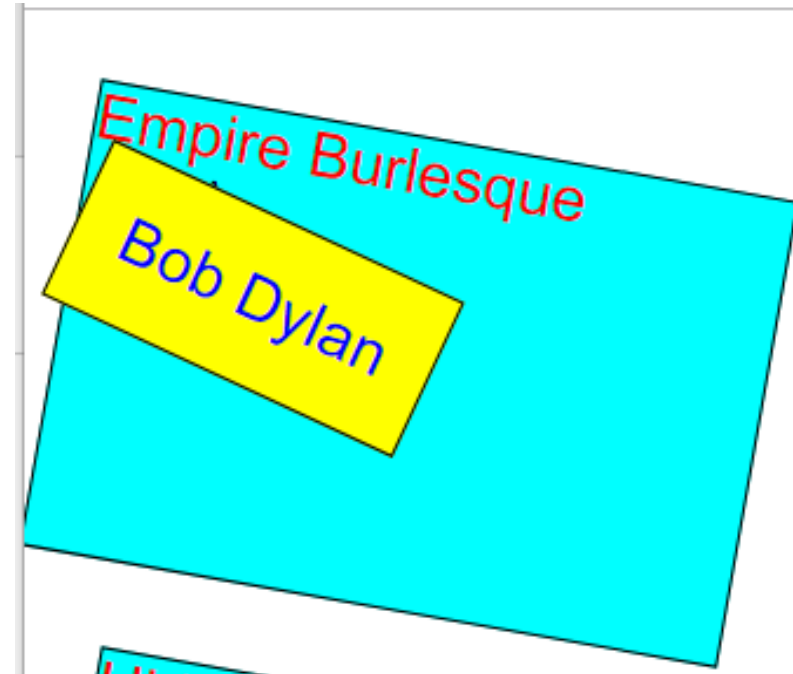
Try transform-origin!

```
cd {transform: rotate(10deg);  
    transform-origin: 0% 80%;  
}
```

```
cd {transform: rotate(10deg);  
    transform-origin: -50% 100%;  
}
```

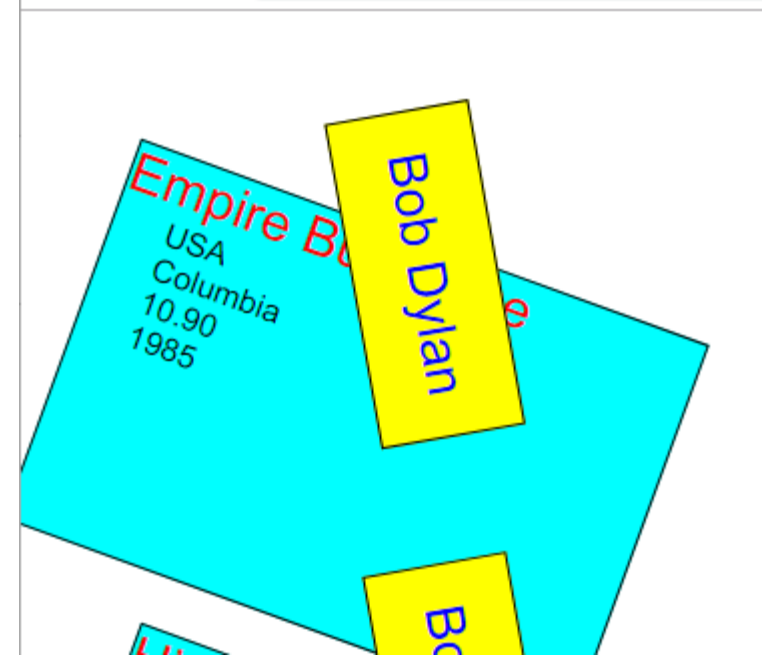


[cd_catalog_artist2.css](#)



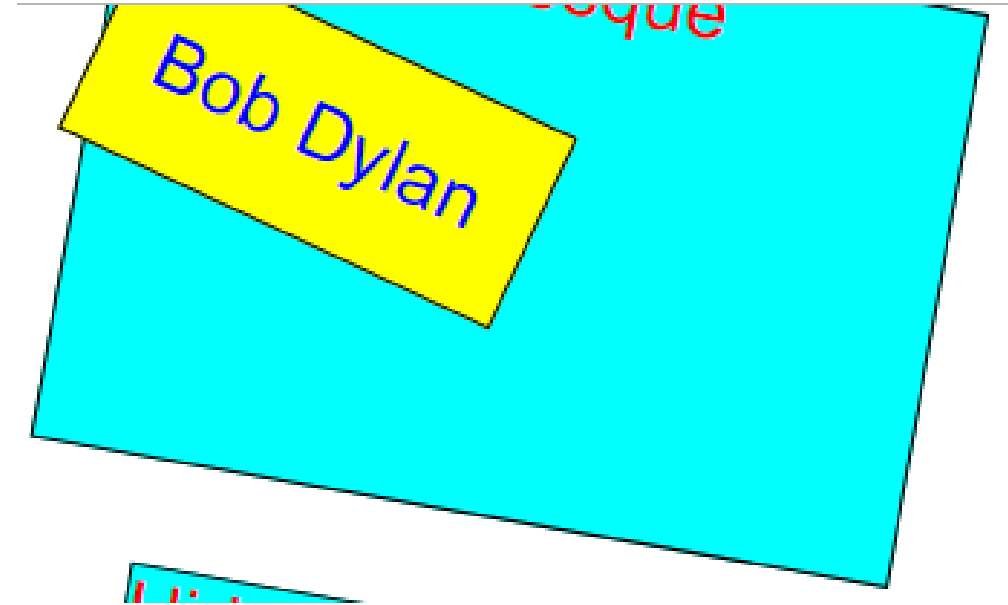
Try "transform-origin: -50% 100%;".

```
cd {transform: rotate(20deg);  
    transform-origin: -50% 100%;
```

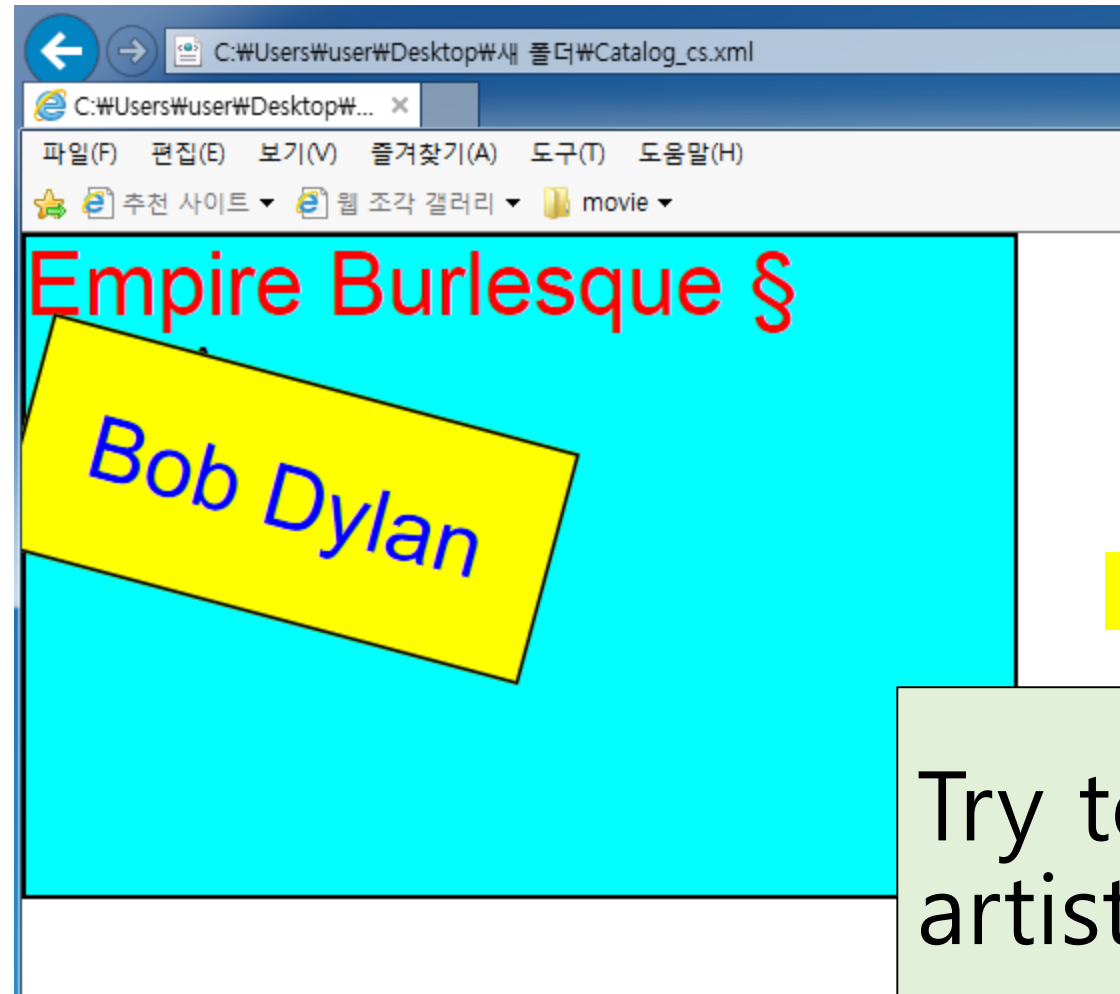


```
artist {  
  display: block;  
  color: #0000ff;  
  font-size: 20pt;  
}
```

```
artist {  
  padding: 20px;  
  position: absolute;  
  border: 1px solid black;  
  background-color: yellow;  
  -ms-transform: rotate(15deg); /* IE 9 */  
  -ms-transform-origin: 20% 40%; /* IE 9 */  
  -webkit-transform: rotate(15deg); /* Safari 3-8 */  
  -webkit-transform-origin: 20% 40%; /* Safari 3-8 */  
  transform: rotate(15deg);  
  transform-origin: 20% 40%;  
}
```



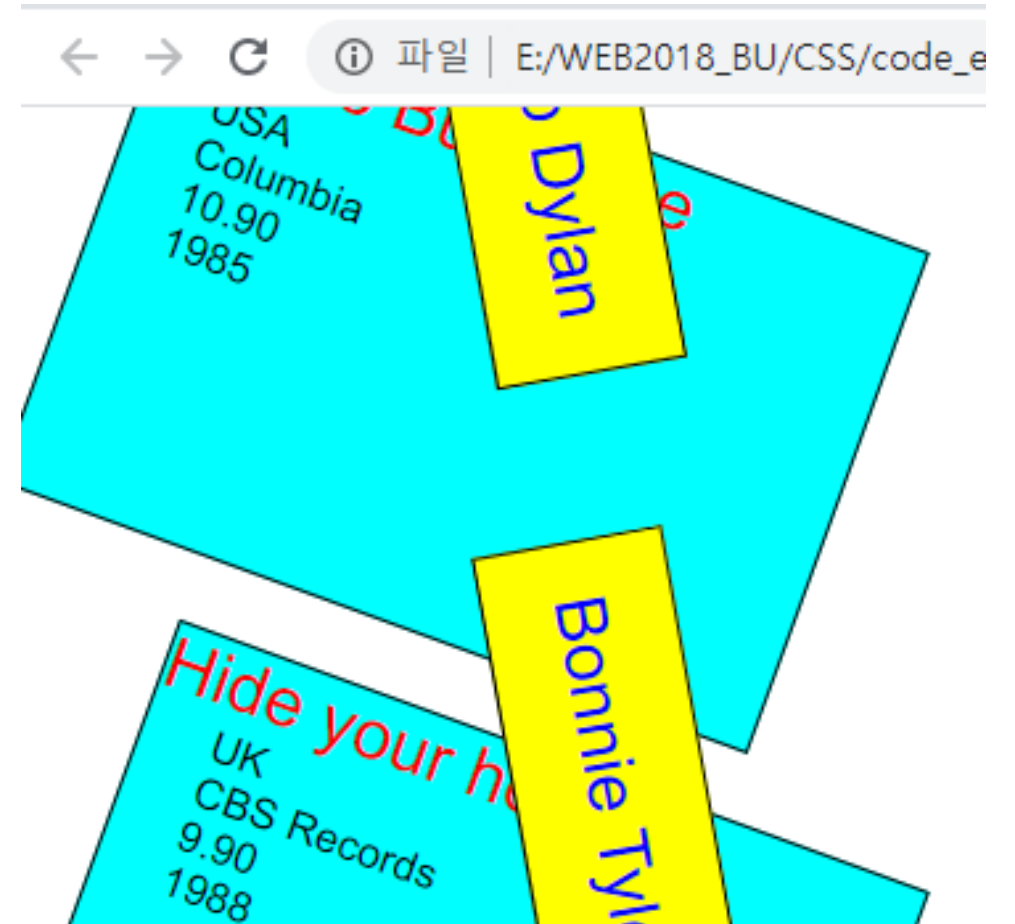
Hiding other information... Move artist box.



cd_catalog_artistMoved.css

Try to move the
artist box.

```
artist {  
  padding: 20px;  
  position: absolute;  
  border: 1px solid black;  
  background-color: yellow;  
  -ms-transform: rotate(15deg); /* IE 9 */  
  -ms-transform-origin: 20% 40%; /* IE 9 */  
  -webkit-transform: rotate(15deg); /* Safari 3-8 */  
  -webkit-transform-origin: 20% 40%; /* Safari 3-8 */  
  transform: rotate(60deg);  
  transform-origin: 100% 100%;  
}
```



```
artist {  
  display: block;  
  color: #0000ff;  
  font-size: 20pt;  
}
```

Modify the code and make a
more pretty box.

```
artist {  
  width: 100px;  
  height: 100px; background: red; position: relative;  
  -webkit-animation: mymove 5s infinite; /* Safari 4.0 - 8.0 */  
  animation: mymove 5s infinite;  
}  
/* Safari 4.0 - 8.0 */
```

```
@-webkit-keyframes mymove {  
  from {left: 0px;}  
  to {left: 400px;}  
}
```

```
@keyframes mymove {  
  from {left: 0px;}  
  to {left: 400px;}  
}
```

cd_catalog_artistPretty.css

to {left: 400px;}
→
to {left: 200px;}

Modify the code and make a artist box move inside the cd box.

Empire Burlesque

USA
Columbia
10.90
1985

Bob
Dylan



파일 | E:/WEB2018_BU/CSS

Bob
Dylan

USA
Columbia
10.90
1985

```
artist {  
  width: 200px;  
  height: 50px;  
  font-size: 20pt;  
  background: yellow;  
  position: relative;  
  -webkit-animation: mymove 5s infinite; /* Safari 4.0 - 8.0 */  
  animation: mymove 5s infinite;  
}  
/* Safari 4.0 - 8.0 */  
@-webkit-keyframes mymove {  
  from {left: 0px;}  
  to {left: 300px;}  
}  
@keyframes mymove {  
  from {left: 0px;}  
  to {left: 300px;}
```

Change the code for various animations...



file:///D:/WEB2018_BU/CSS/code_ex/Catalog_cs.xml

Empire Burlesque §

Bob Dylan

USA
Columbia
10.90
1985

Greatest Hits §

Dolly Parton

USA
RCA
9.90
1982

```

artist {
  width: 100px; height: 100px;
  font-size: 20pt; background: red;
  position: relative;
  -webkit-animation: myfirst 5s 2; /* Safari 4.0 - 8.0 */
  -webkit-animation-direction: alternate; /* Safari 4.0 - 8.0 */
  animation: myfirst 5s 2;
  animation-direction: alternate;
}

@-webkit-keyframes myfirst {
  0% {background: red; left: 0px; top: 0px;}
  25% {background: yellow; left: 200px; top: 0px;}
  50% {background: blue; left: 200px; top: 200px;}
  75% {background: green; left: 0px; top: 200px;}
  100% {background: red; left: 0px; top: 0px;}
}

@keyframes myfirst {
  0% {background: red; left: 0px; top: 0px;}
  25% {background: yellow; left: 200px; top: 0px;}
  50% {background: blue; left: 200px; top: 200px;}
  75% {background: green; left: 0px; top: 200px;}
  100% {background: red; left: 0px; top: 0px;}
}

```

Try to modify the source.
Code Given

Empire Burlesque

USA
Columbia
10.90
1985

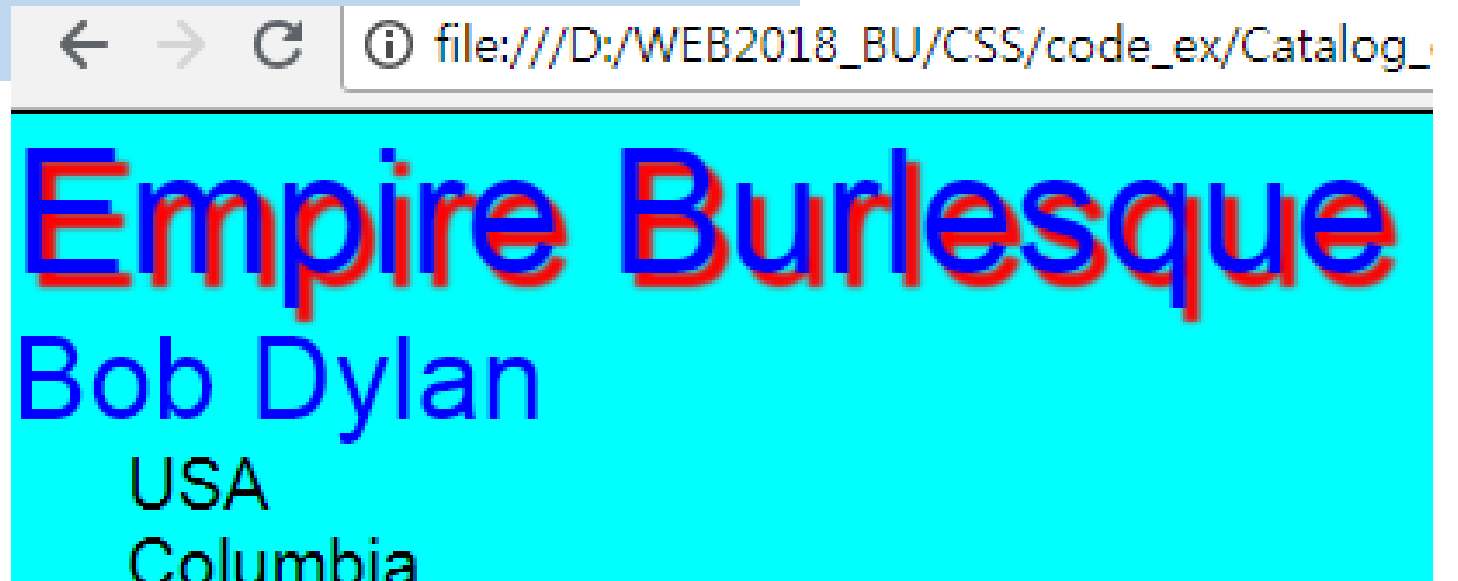
Bob Dylan

cd_catalog_artistPretty3.css

Shading Effect

Modify **cd_catalog_original.css** and **Catalog_cs.xml**.
Add **dimension** to **cd** and change the **background color** of **cd**

```
title {  
    display: block;  
    color: blue;  
    font-size: 30pt;  
    text-shadow: 3px 3px 1px red;  
}
```




```
title {  
  display: block;  
  color: blue;  
  font-size: 30pt;  
  text-shadow: 10px 10px 1px red;  
}
```

Hide your heart
Bonnie Tyler

UK

CBS Records

9.90

1988

```
title {  
  display: block;  
  color: blue;  
  font-size: 30pt;  
  text-shadow: 10px 10px 3px red;  
}
```

Empire Burlesque

Bob Dylan

USA

Columbia

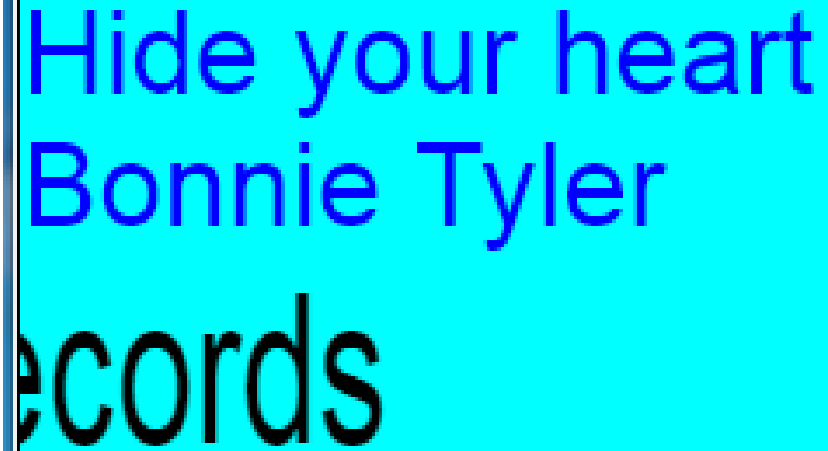
10.90

1985

scale in need of caution

Modify "cd_catalog_original.css".

Adjust spaces between elements...



Hide your heart
Bonnie Tyler
records

This screenshot shows a CD catalog entry on a cyan background. The text is blue. The first line is "Hide your heart", the second is "Bonnie Tyler", and the third is "records". There is no space between "records" and the text above it, and the text is left-aligned.

```
country, price, year, company {  
  display: block;  
  color: #000000;  
  margin-left: 20pt;  
  -ms-transform: scale(2, 3); /* IE 9 */  
  -webkit-transform: scale(2, 3); /* Safari */  
  transform: scale(2, 3);  
}
```



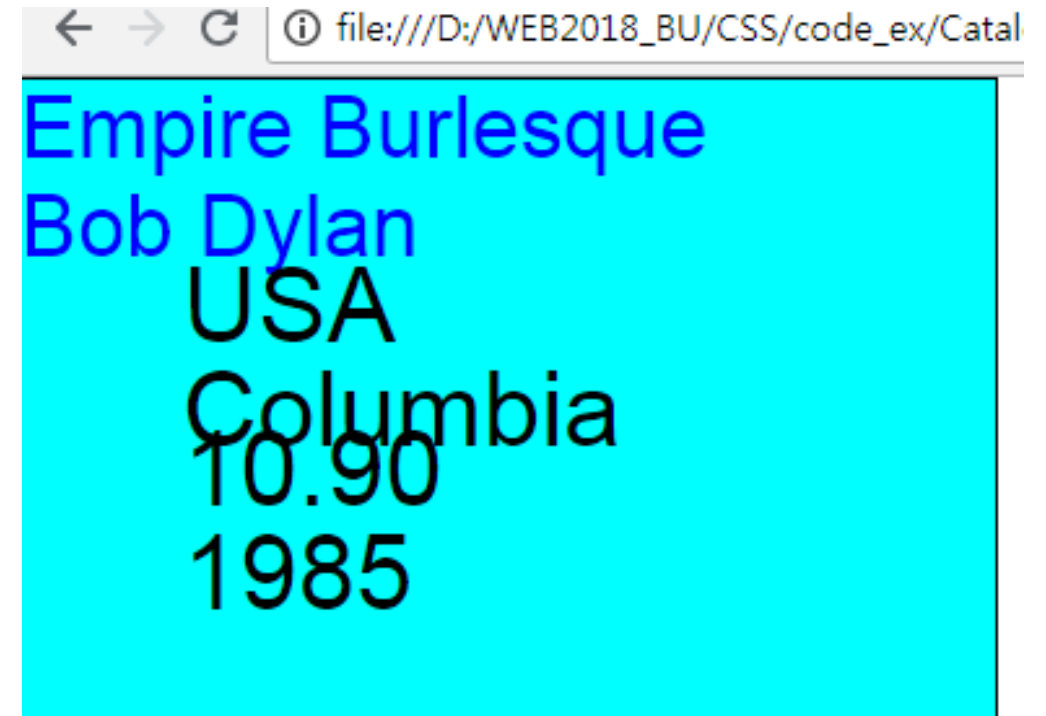
Empire Burlesque
Bob Dylan
USA
Columbia
10.90
1985

This screenshot shows a CD catalog entry on a cyan background. The text is blue. The first line is "Empire Burlesque", the second is "Bob Dylan", the third is "USA", the fourth is "Columbia", the fifth is "10.90", and the sixth is "1985". There is a space between "records" and the text above it, and the text is left-aligned.

```
country, price, year, company {  
  display: block;  
  color: #000000;  
  margin-left: 100pt;  
  -ms-transform: scale(2, 2); /* IE 9 */  
  -webkit-transform: scale(2, 2); /* Safari */  
  transform: scale(2, 2);  
}
```

Adjusting margins...

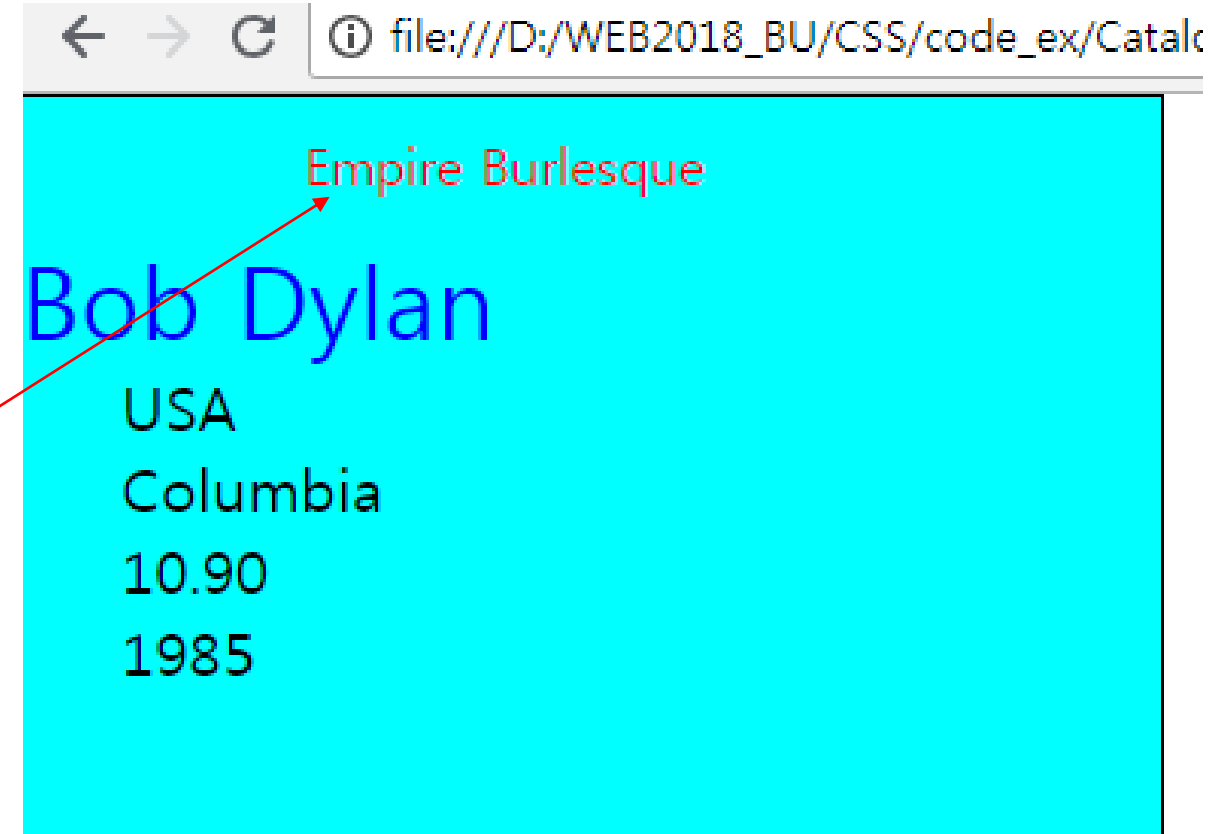
```
country {  
  display: block;  
  color: #000000;  
  margin-left: 100pt;  
  -ms-transform: scale(2, 2); /* IE 9 */  
  -webkit-transform: scale(2, 2); /* Safari */  
  transform: scale(2, 2);  
  margin-bottom: 10pt;  
}  
price {  
  display: block;  
  color: #000000;  
  margin-left: 100pt;  
  -ms-transform: scale(2, 2); /* IE 9 */  
  -webkit-transform: scale(2, 2); /* Safari */  
  transform: scale(2, 2);  
  margin-bottom: 10pt;  
}
```



```
year {
  display: block;
  color: #000000;
  margin-left: 100pt;
  -ms-transform: scale(2, 2); /* IE 9 */
  -webkit-transform: scale(2, 2); /* Safari */
  transform: scale(2, 2);
  margin-bottom: 10pt;
}
company {
  display: block;
  color: #000000;
  margin-left: 100pt;
  -ms-transform: scale(2, 2); /* IE 9 */
  -webkit-transform: scale(2, 2); /* Safari */
  transform: scale(2, 2);
  margin-bottom: 10pt;
}
```

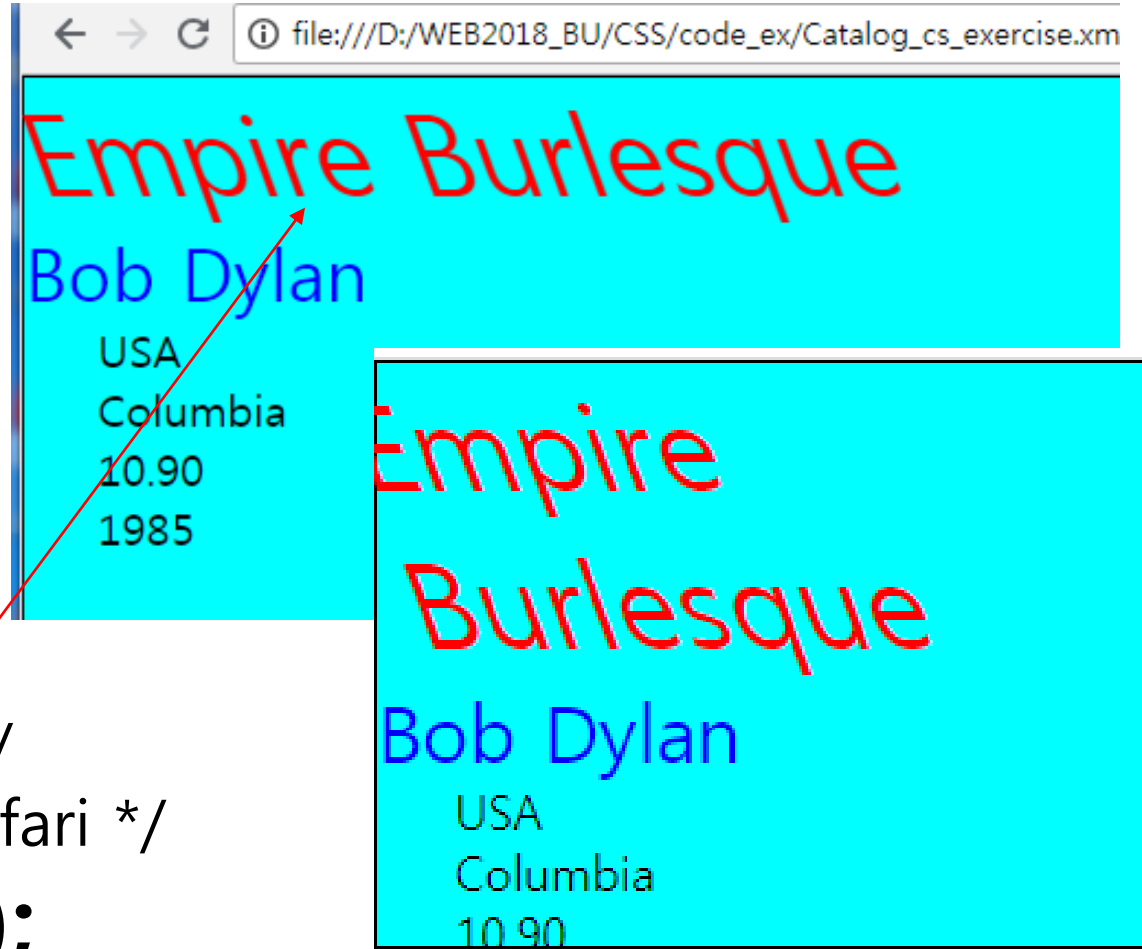
Change the code to scale down ...

```
cd {  
  display: block;  
  height: 200px;  
  width: 300px;  
  background: cyan;  
  border: 1px solid black;  
  margin-bottom: 30pt;  
  margin-left: 0;  
}  
title {  
  display: block;  
  color: #ff0000;  
  font-size: 20pt;  
  -ms-transform: scale(0.5, 0.5); /* IE 9 */  
  -webkit-transform: scale(0.5, 0.5); /* Safari */  
  transform: scale(0.5, 0.5);  
}
```



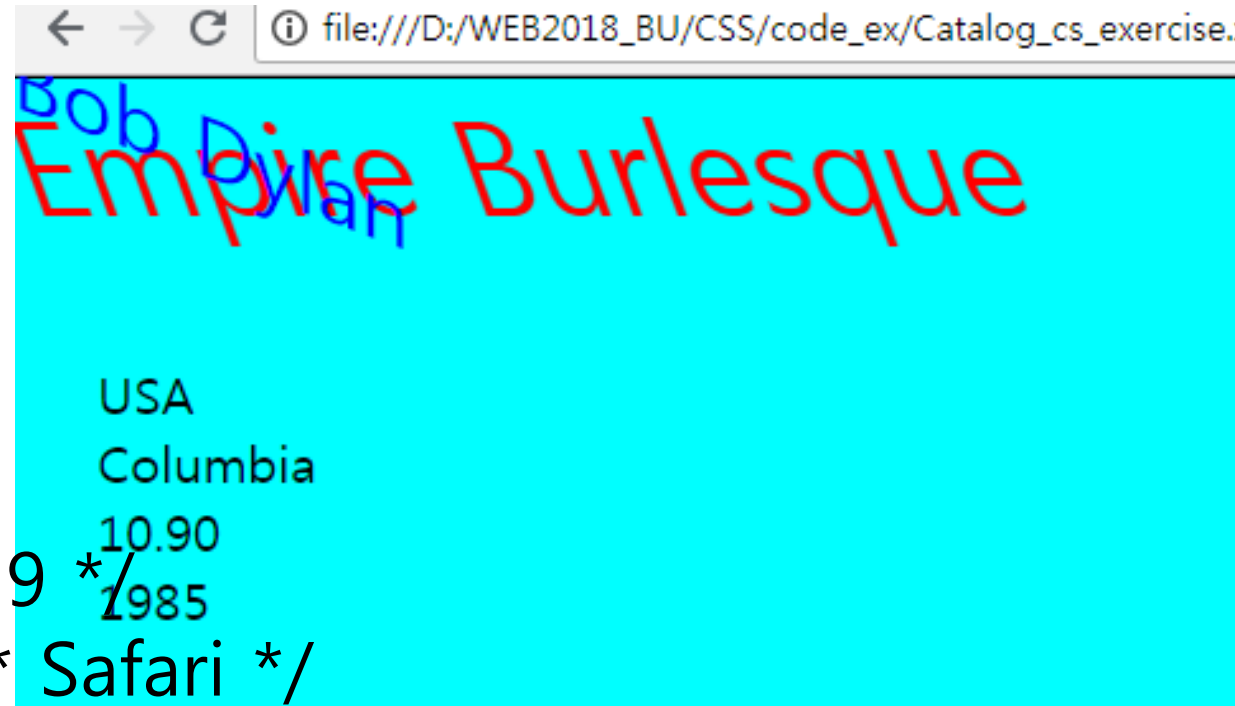
Skewed

```
cd {  
  display: block;  
  height: 200px;  
  width: 400px;  
  background: cyan;  
  border: 1px solid black;  
  margin-bottom: 30pt;  
  margin-left: 0;  
}  
  
title {  
  display: block;  
  color: #ff0000;  
  font-size: 30pt;  
  -ms-transform: skewX(20deg); /* IE 9 */  
  -webkit-transform: skewX(20deg); /* Safari */  
  transform: skewX(20deg);
```



skewedXY

```
title {
  display: block;
  color: #ff0000;
  font-size: 30pt;
  -ms-transform: skewX(20deg); /* IE 9 */
  -webkit-transform: skewX(20deg); /* Safari */
  transform: skewX(20deg);
}
artist {
  display: block;
  color: #0000ff;
  font-size: 20pt;
  -ms-transform: skewY(20deg); /* IE 9 */
  -webkit-transform: skewY(20deg); /* Safari */
  transform: skewY(20deg);
}
```



hover

```
company {  
  width: 100px;  
  height: 50px;  
  background: yellow;  
  display: block;  
  color: #000000;  
  margin-left: 20pt;  
  -webkit-transition: width 2s; /* For Safari 3.1 to 6.0 */  
  transition: width 2s;  
}  
  
company:hover {  
  width: 300px;  
}
```

Change Several Property Values

```
year {  
  width: 100px;  
  height: 50px;  
  display: block;  
  background: cyan;  
  margin-left: 20pt;  
  -webkit-transition: width 2s, height 4s; /* Safari */  
  transition: width 2s, height 4s;  
}  
  
year:hover {  
  width: 200px;  
  height: 100px;  
}
```

Delay the Transition Effect

```
price {  
  width: 100px;  
  height: 50px;  
  background: gray;  
  display: block;  
  color: #000000;  
  margin-left: 20pt;  
  -webkit-transition: width 3s; /* Safari */  
  -webkit-transition-delay: 1s; /* Safari */  
  transition: width 3s;  
  transition-delay: 1s;  
}  
  
price:hover {  
  width: 300px;  
}
```

Transition + Transformation

```
country {  
  width: 100px;  
  height: 50px;  
  display: block;    color: yellow;  
  margin-left: 20pt;  
  background: purple;  
  -webkit-transition: width 2s, height 2s, -webkit-transform 2s; /* Safari */  
  transition: width 2s, height 2s, transform 2s;  
}  
  
country:hover {  
  width: 200px;  
  height: 100px;  
  -webkit-transform: rotate(180deg); /* Safari */  
  transform: rotate(180deg);  
}
```