THE ABSOLUTE BEST
EXPLANATION ON YOUTUBE!

# POSITIONING

STATIC POSITIONING

RELATIVE POSITIONING

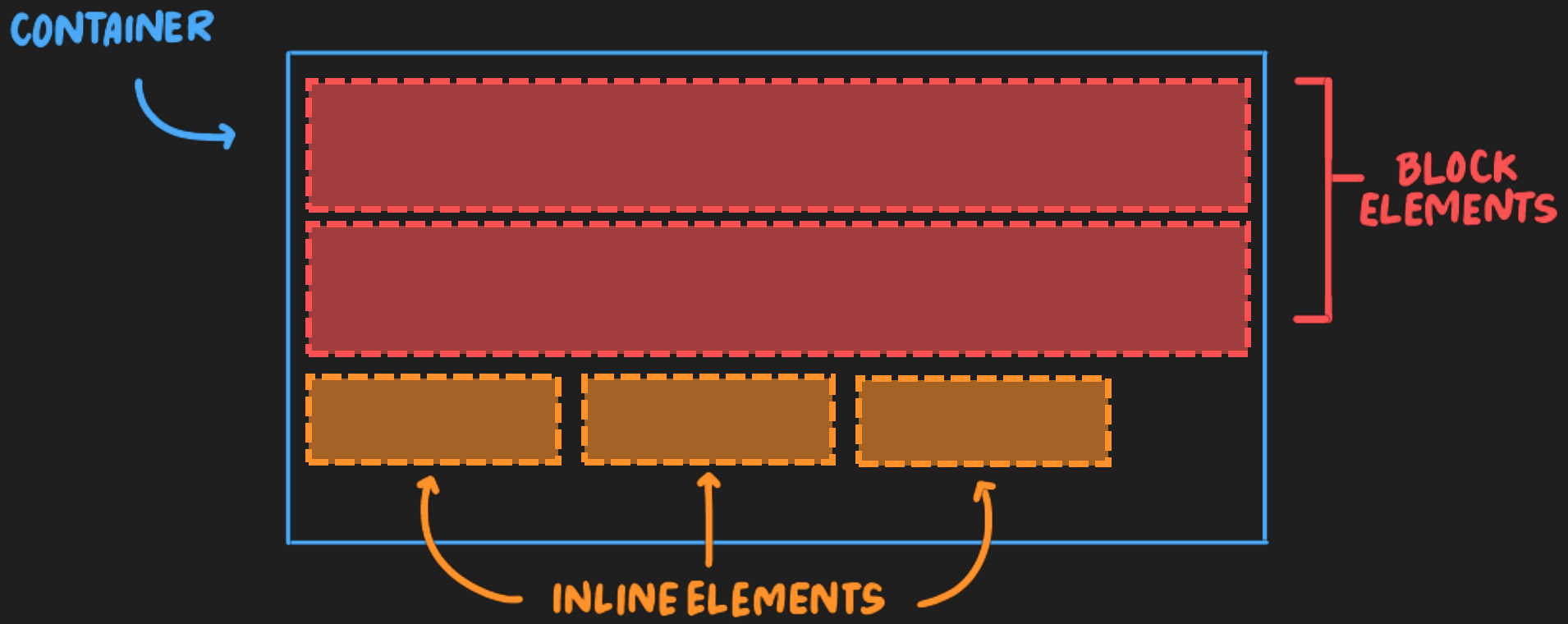
ABSOLUTE POSITIONING

FIXED POSITIONING

STICKY POSITIONING

# NORMAL FLOW

ELEMENTS OCCUPY THEIR OWN DESIGNATED 'SLOT' ON THE PAGE WHICH ALLOWS THEM TO BE SURROUNDED BY OTHER ELEMENTS



# POSITION PROPERTY

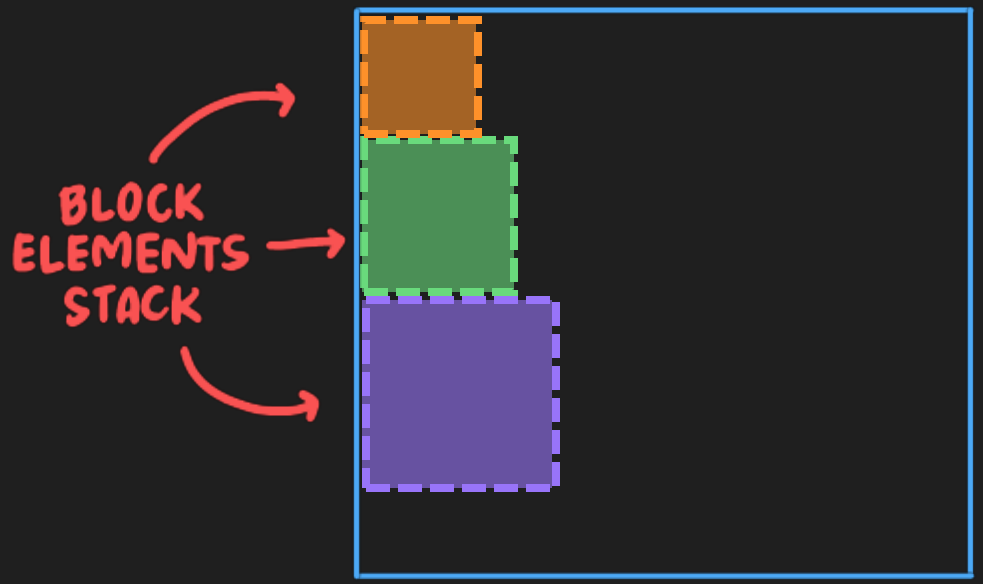
## DETERMINES HOW AN ELEMENT IS POSITIONED ON THE PAGE

position: relative;

# STATIC POSITIONING

## THE ELEMENT FOLLOWS THE NORMAL DOCUMENT FLOW

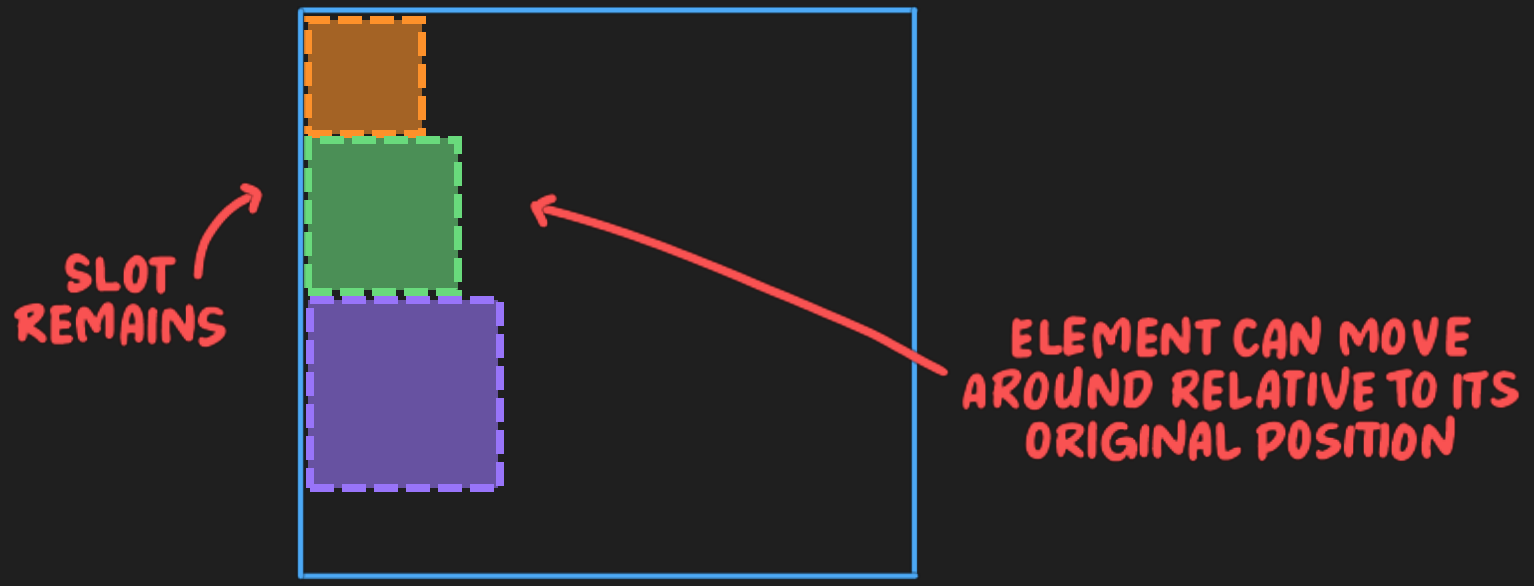
position: static; ← DEFAULT



# RELATIVE POSITIONING

## THE ELEMENT FOLLOWS THE NORMAL DOCUMENT FLOW BUT CAN BE OFFSET RELATIVE TO ITSELF

position: relative;



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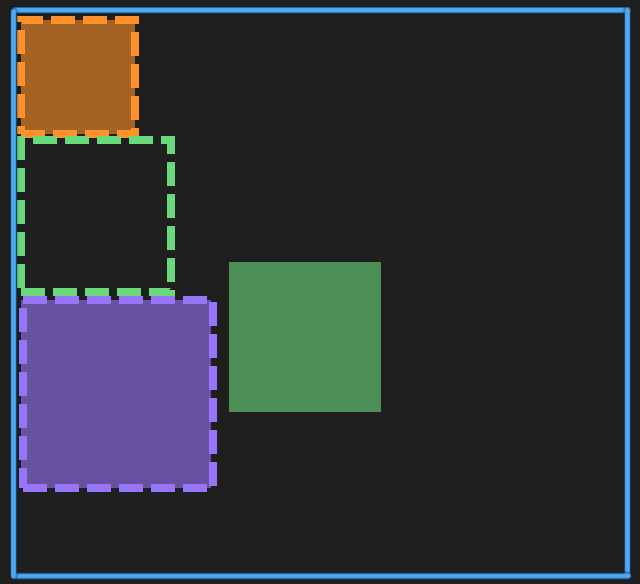

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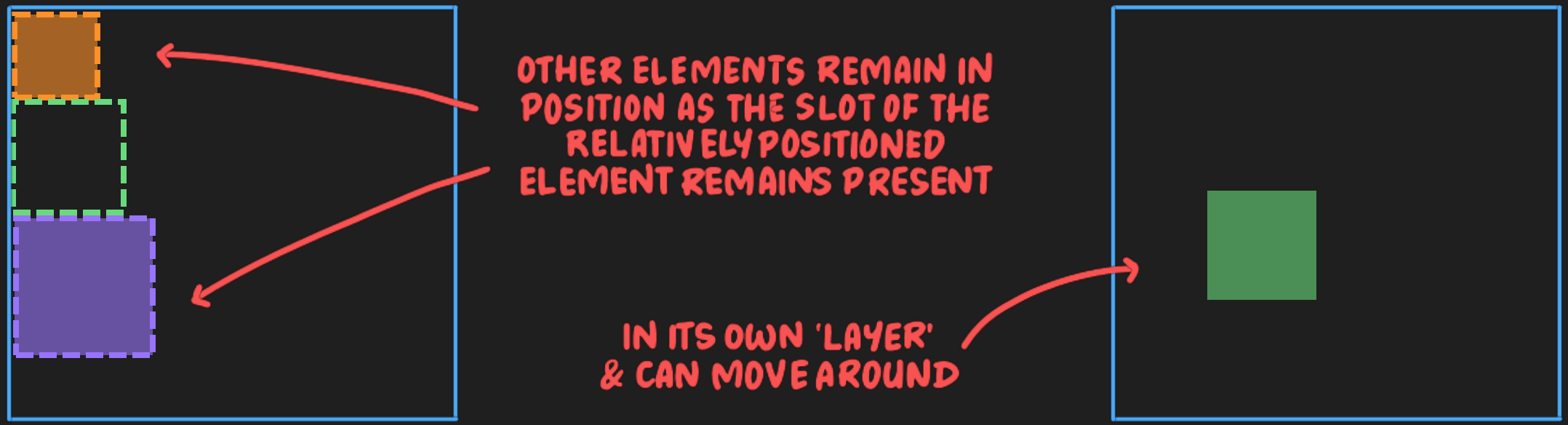
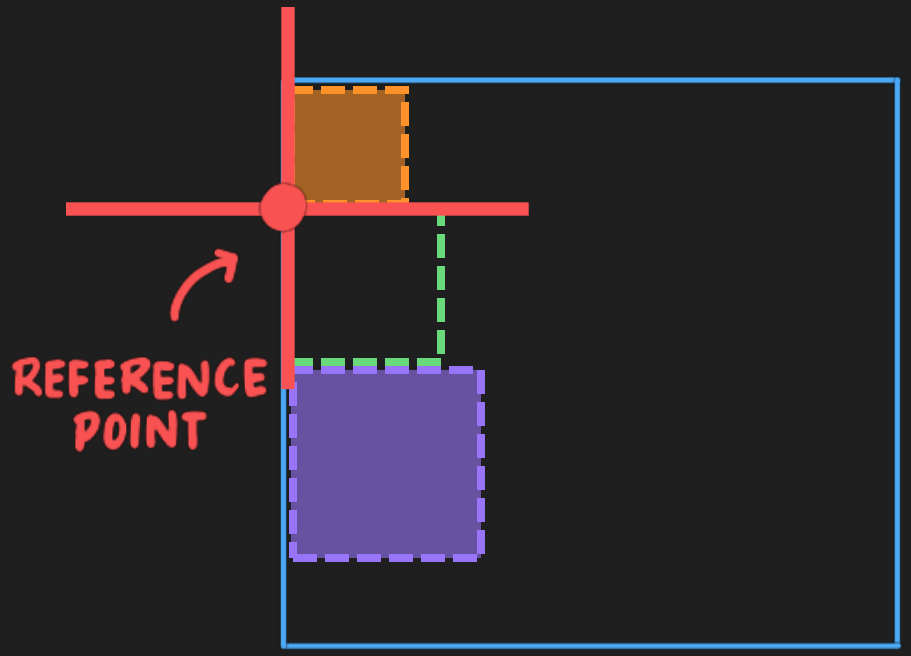


# OFFSET PROPERTIES

## OFFSET PROPERTIES ARE USED TO SHIFT THE ELEMENT FROM ITS REFERENCE POINT

position: relative; ← POSITION HAS A VALUE OTHER THAN STATIC




### OFFSET PROPERTIES

top: 20px;

bottom: 40px;

left: 10px;

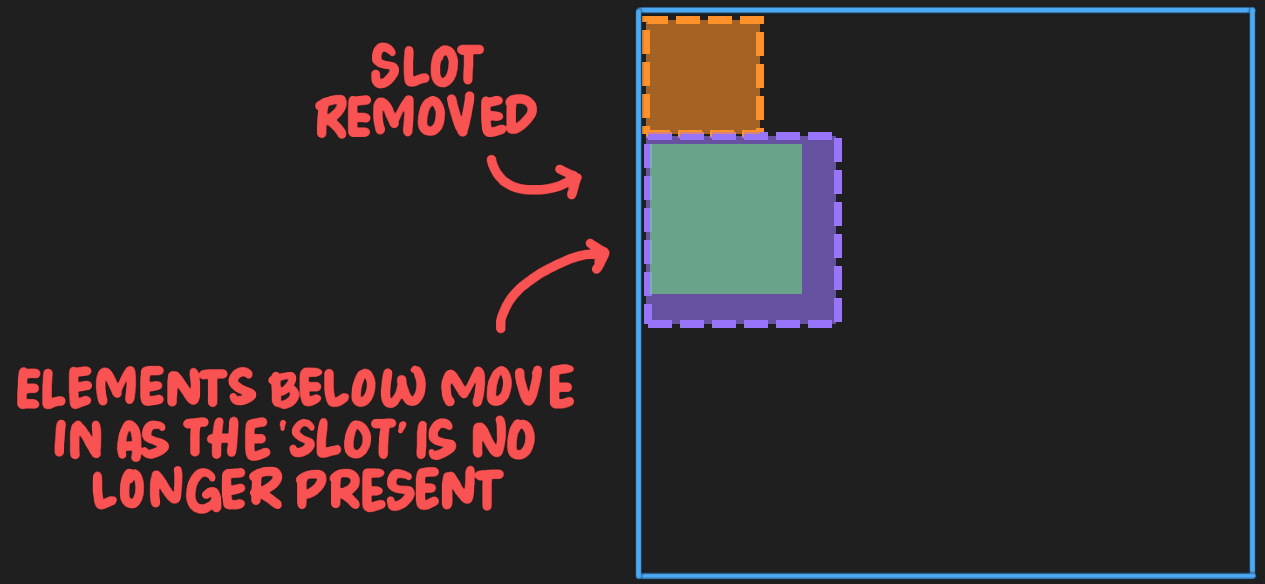
right: 30px;

SHIFT _____ AWAY FROM THE _____ OF THE REFERENCE POINT

# ABSOLUTE POSITIONING

## THE ELEMENT IS REMOVED FROM THE NORMAL DOCUMENT FLOW

position: absolute;



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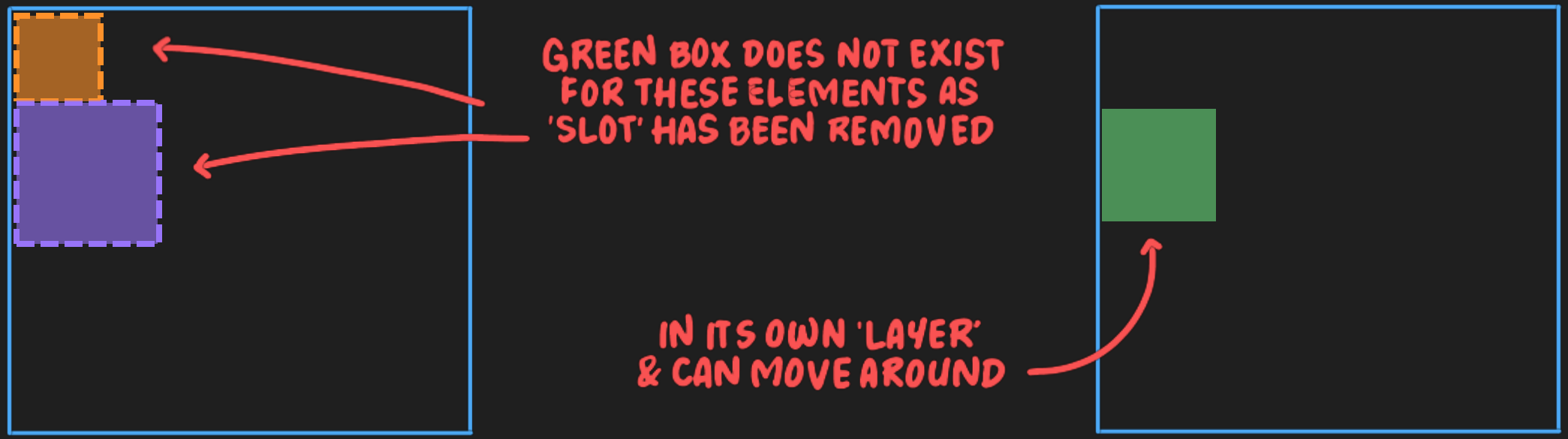
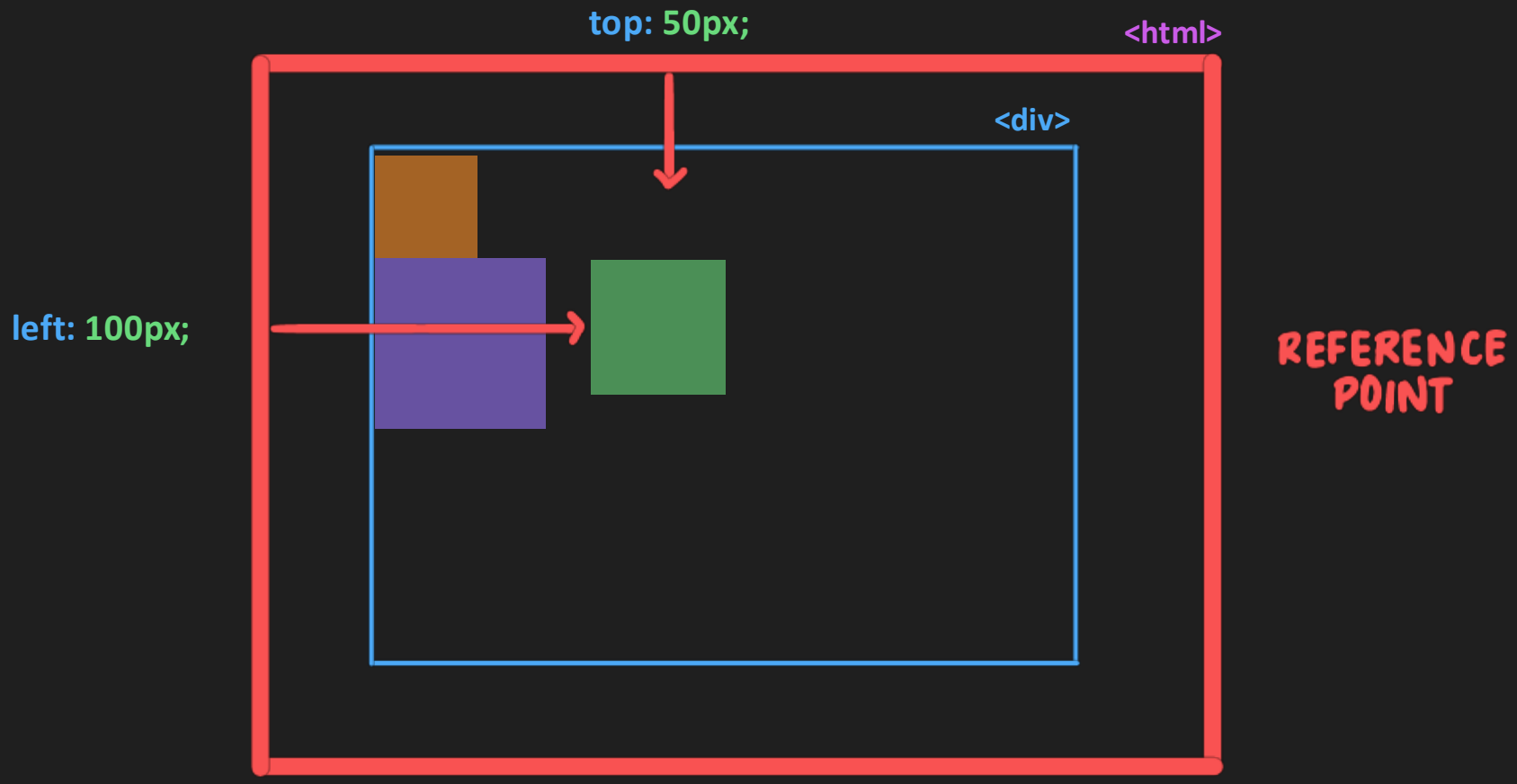


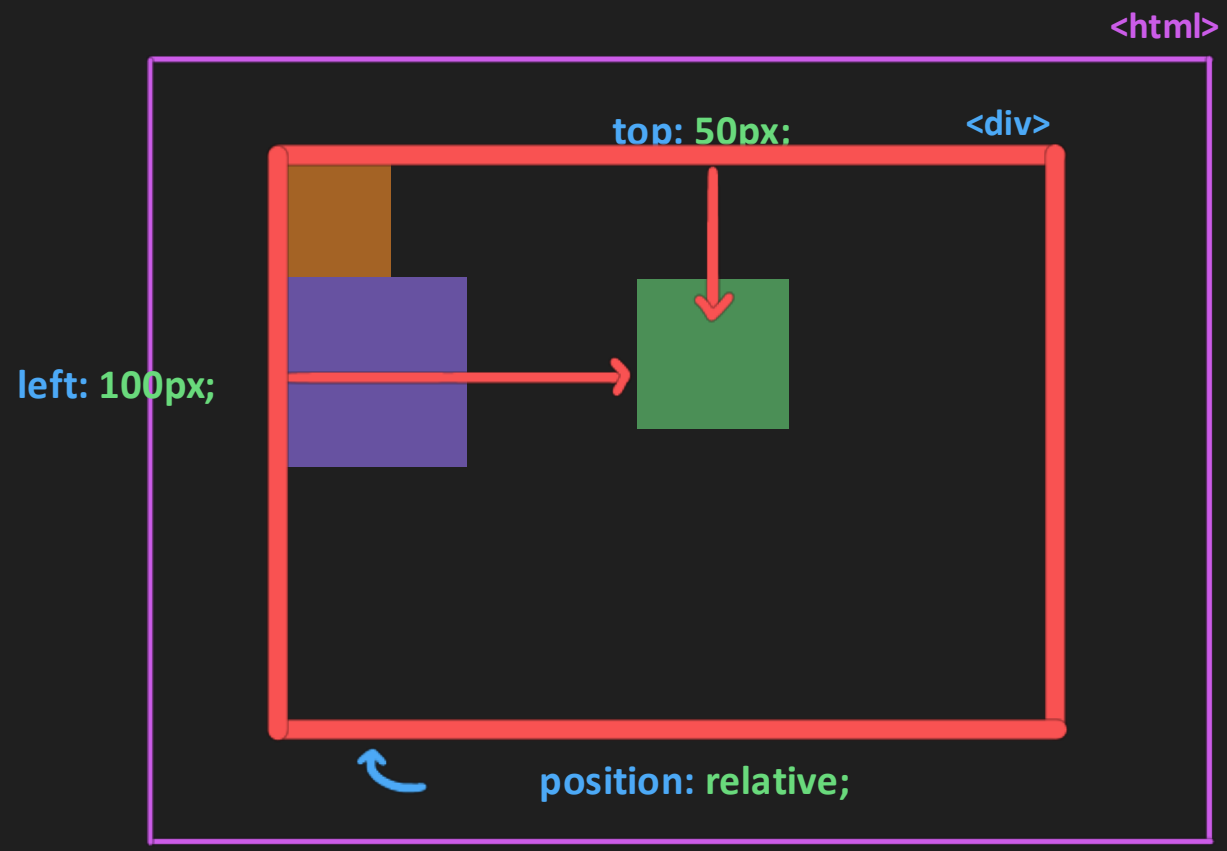
# ABSOLUTE POSITIONING

## WHEN POSITIONING AN ABSOLUTE POSITIONED ELEMENT THE REFERENCE POINT IS THE ROOT HTML ELEMENT



# ABSOLUTE POSITIONING

## MORE COMMONLY, THE REFERENCE POINT IS SET BY THE NEAREST ANCESTOR WITH A NON-STATIC POSITION



# FIXED & STICKY POSITIONING

## ABSOLUTE POSITIONING

THE ELEMENT IS REMOVED FROM THE NORMAL DOCUMENT FLOW

FIXED TO VIEWPORT

## FIXED POSITIONING

ABSOLUTE POSITIONING, BUT THE ELEMENT REMAINS FIXED RELATIVE TO THE VIEWPORT AND IS UNAFFECTED BY SCROLLING

NEEDS ACTIVATION

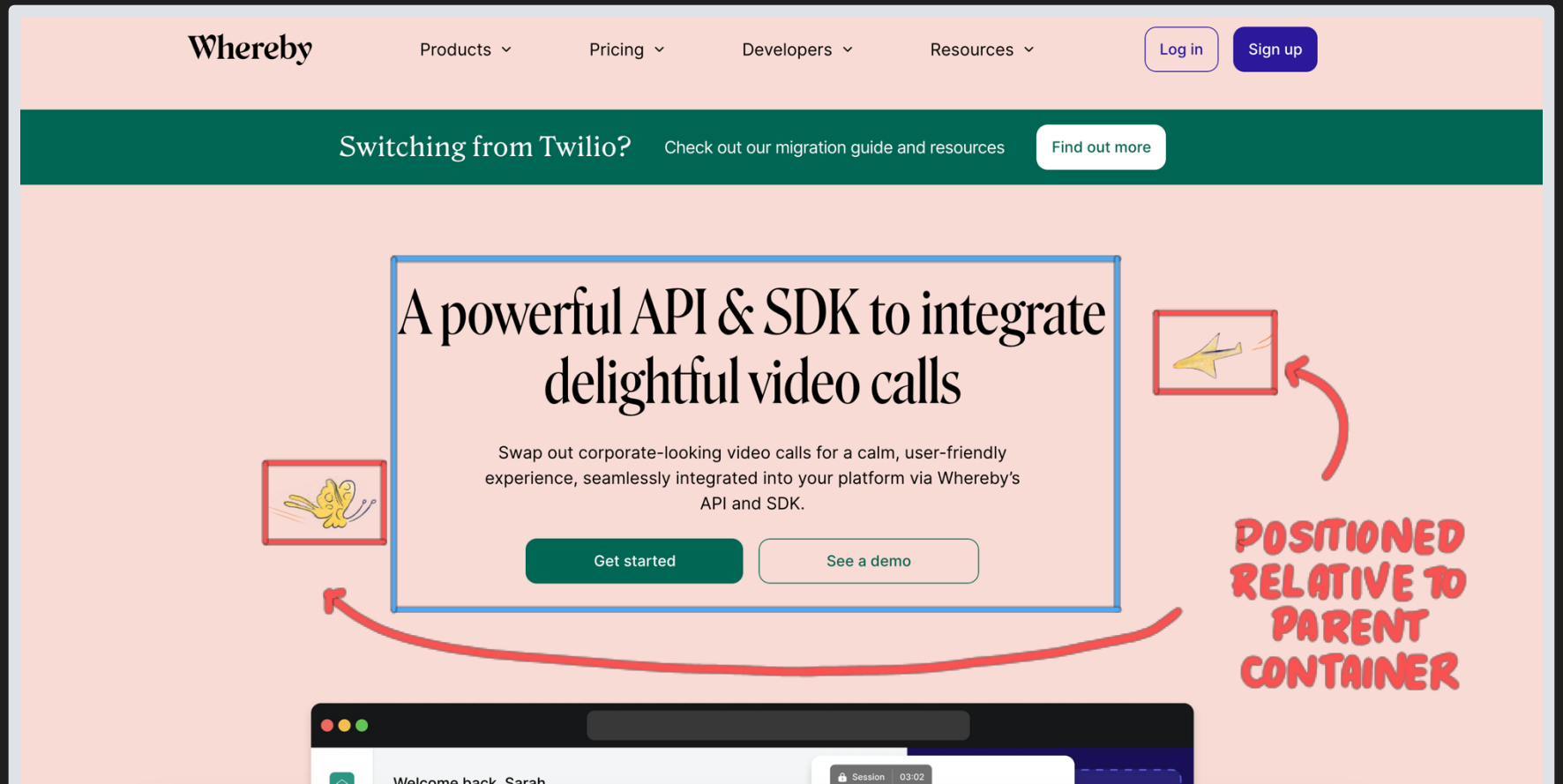
## STICKY POSITIONING

THE ELEMENT IS IN NORMAL FLOW UNTIL A CERTAIN SCROLL POINT WHEN IT THEN BECOMES FIXED

# POSITIONING GUIDANCE

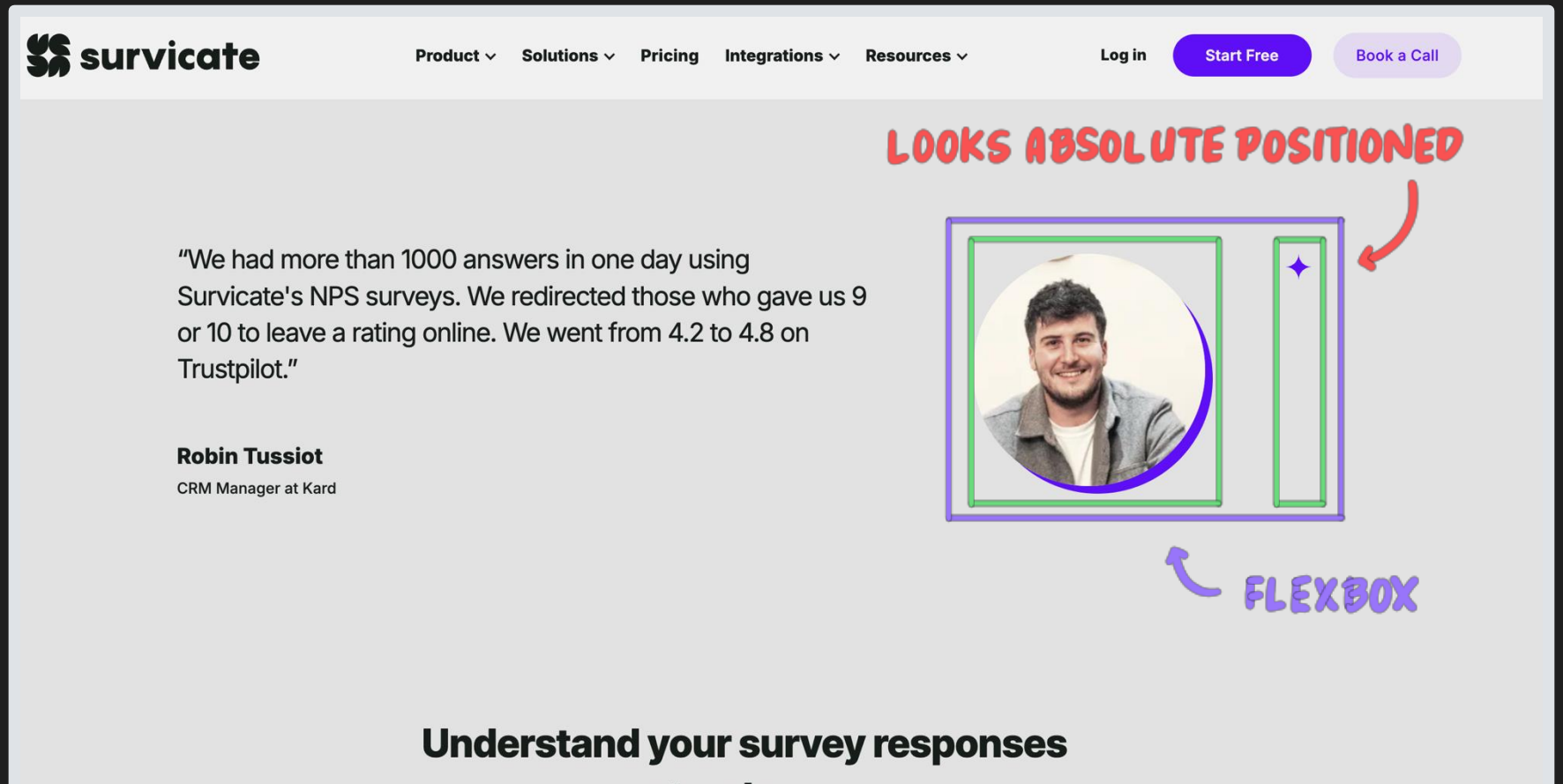
SLOT IS REMOVED, SO NO UNEXPECTED GAPS IN LAYOUT

## ABSOLUTE POSITIONING IS MORE COMMONLY USED THAN RELATIVE BECAUSE IT REMOVES ELEMENTS FROM THE DOCUMENT FLOW



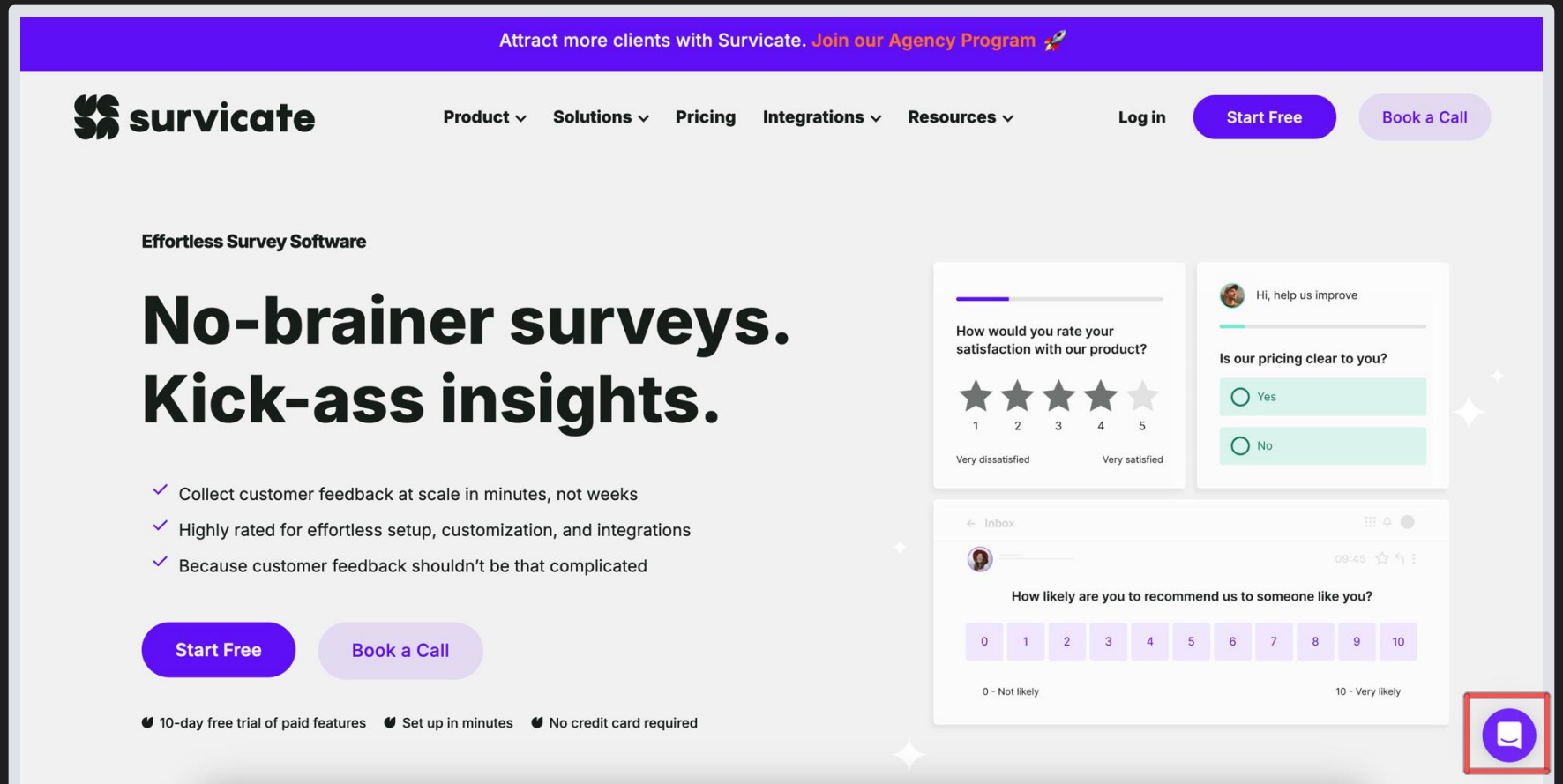
# POSITIONING GUIDANCE

## ABSOLUTE POSITIONING SHOULD BE USED AS A LAST RESORT FOR VERY SPECIFIC CASES AS IT MAKES RESPONSIVE DESIGN MORE CHALLENGING



# POSITIONING GUIDANCE

## FIXED POSITIONING IS USED FOR ELEMENTS THAT NEED TO BE ABSOLUTE POSITIONED BUT ALSO NEED TO REMAIN VISIBLE WHEN THE USER SCROLLS

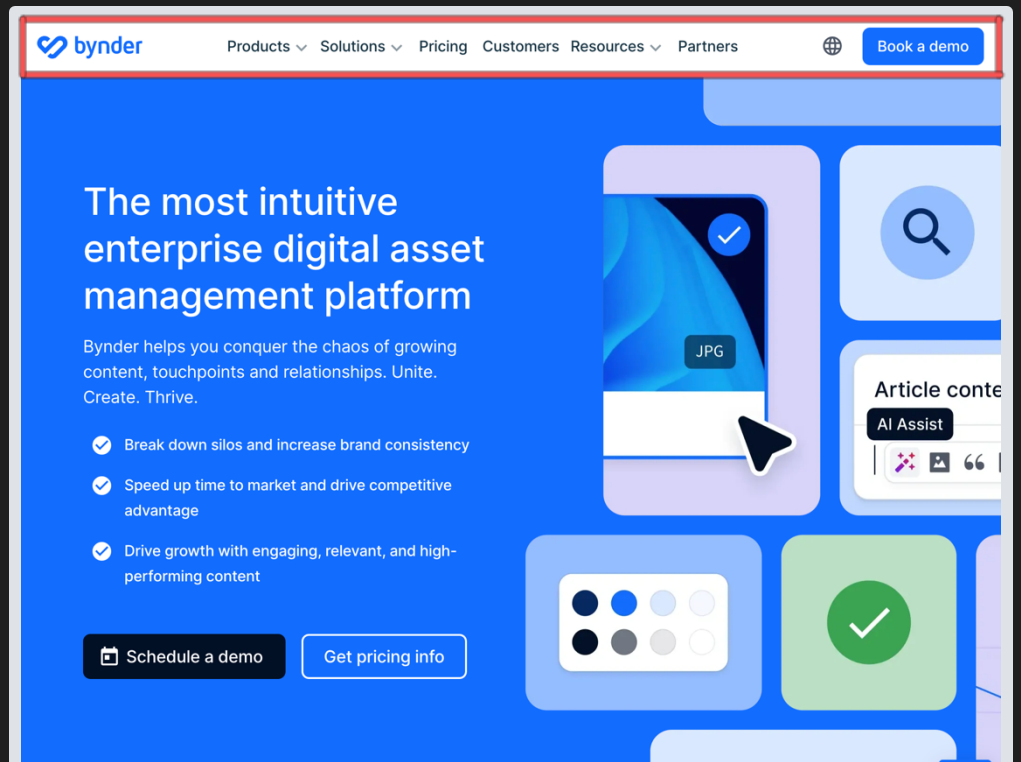


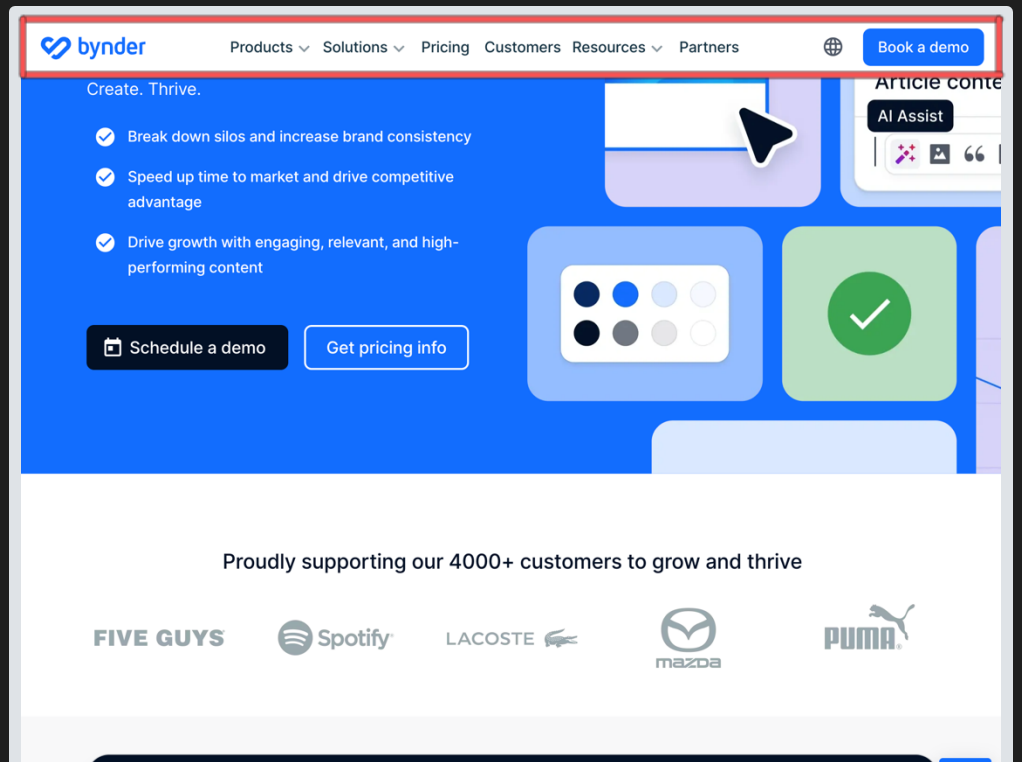
# POSITIONING GUIDANCE

## STICKY POSITIONING IS IDEAL FOR NAVBARS, AS THEY STAY AT THE TOP IN NORMAL FLOW AND THEN BECOME FIXED WHEN THE USER SCROLLS

IN NORMAL DOCUMENT FLOW

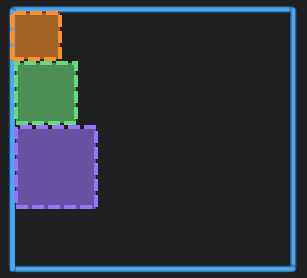
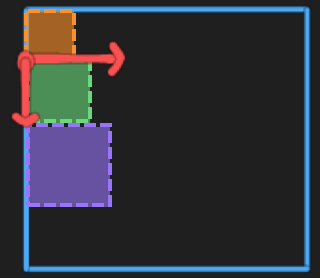
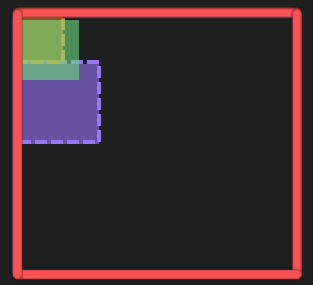
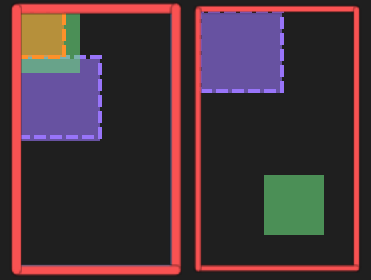
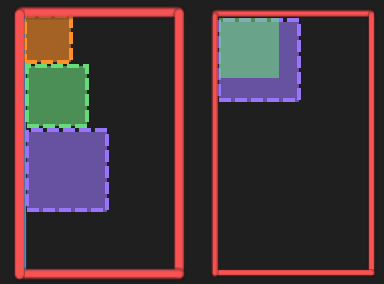
BECOMES FIXED WHEN SCROLLED



SUMMARY CARD

# POSITIONING

| VALUE | STATIC | RELATIVE | ABSOLUTE | FIXED | STICKY |
|---|---|---|---|---|---|
| DESCRIPTION | DEFAULT POSITIONING | RELATIVE TO ORIGINAL POSITION | RELATIVE TO NEAREST TO NON-STATIC ELEMENT (IF NONE, ROOT HTML ELEMENT) | RELATIVE TO THE VIEWPORT | STARTS STATIC BUT BECOMES FIXED AFTER SCROLLING TO A CERTAIN POINT |
| DOCUMENT FLOW | ELEMENT IS IN NORMAL FLOW | ELEMENT REMAINS IN NORMAL FLOW | ELEMENT REMOVED FROM NORMAL FLOW | ELEMENT REMOVED FROM NORMAL FLOW | STARTS IN NORMAL FLOW, BUT REMOVED AT A SCROLL POINT |
| OFFSET | IGNORED | APPLIES | APPLIES | APPLIES | REQUIRED |
| DIAGRAM |  |  left: 100px; top: 50px; |  left: 100px; top: 200px; |  right: 50px; bottom: 50px; |  top: 0; |