

Converting Colors

Hex(EC464B)

Have a look what the booklet for
Hex(EC464B) contains.

Hex(EC464B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EC464B)

Conversions

Conversions Part 1

Format	Color
Hex	EC464B
RGB	236, 70, 75
RGB Percent	93%, 27%, 29%
CMY	0.0745, 0.7255, 0.7059
CMYK	0.00, 0.70, 0.68, 0.07
HSL	358°, 81%, 60%
HSV	358°, 70%, 93%
XYZ	38.0522, 22.7212, 9.0367
YIQ	120.2040, 97.3310, 36.7470

Conversions

Conversions Part 2

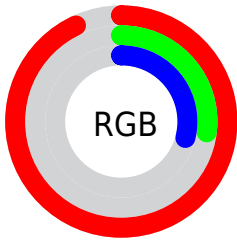
Format	Color
R_{YB}	236, 70, 75
Decimal	15484491
CIE Lab	54.78, 63.41, 34.80
CIE LCh	55, 72.331, 28.761
Yxy	22.7212, 0.5451, 0.3255
Android (android.graphics.Color)	4293674571 (0xFFEC464B)
YUV	120.2040, -22.2856, 101.5531
Hunter-Lab	47.6667, 59.0793, 22.1265

Details

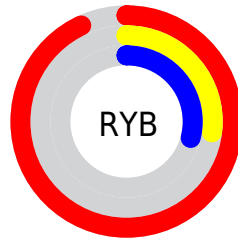
The Hex color **EC464B** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **46ECE7**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF807C**, and **AD001F** is the 20% darker color. If you saturate the color by 10%, you get **EC2E34**, and if you desaturate by 10%, it is **EC5E62**.

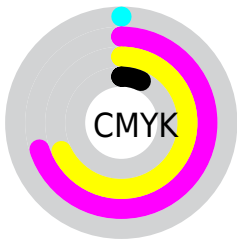
Distribution



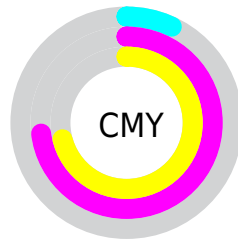
- Red (93%)
- Green (27%)
- Blue (29%)



- Red (93%)
- Yellow (27%)
- Blue (29%)



- Cyan (0%)
- Magenta (70%)
- Yellow (68%)
- Black (7%)



- Cyan (7%)
- Magenta (73%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC464B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color EC464B by changing the saturation by 10% instead.

 EC464B

 EC464B

FFFFFF

 CC2434

 FF807C

 AD001F

 FF9D96

 8D0009

 FFBAB1

 6E0000

 FFD7CC

 500001

 FFF5E8

 330002

 000000

 EC464B

 EC464B

 EC2E34

 EC5E62

 EC171D

 EC7579

 EC0007

 EC8D90

 ECA4A7

 ECBCBD

 ECD4D4

 ECEBEB

 ECFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ED3988



EC464B



CF6507

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EC464B



009A3D



008CFF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



EC464B



46ECE7

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0099EE



EC464B



009E7F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EC464B



639100



009EBE



7773F2

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EC464B



B27800



009EBE



0091FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



EC464B



FFC9CB



E646EC



806061



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



EC464B



FF292F



EC9346



756A6A



B50005



360002

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EC464B



FF292F



469FEC



756A6A



B50005



360002

Previews

White Background



This preview shows how the Hex color EC464B looks on a white background.

Color Contrast Check

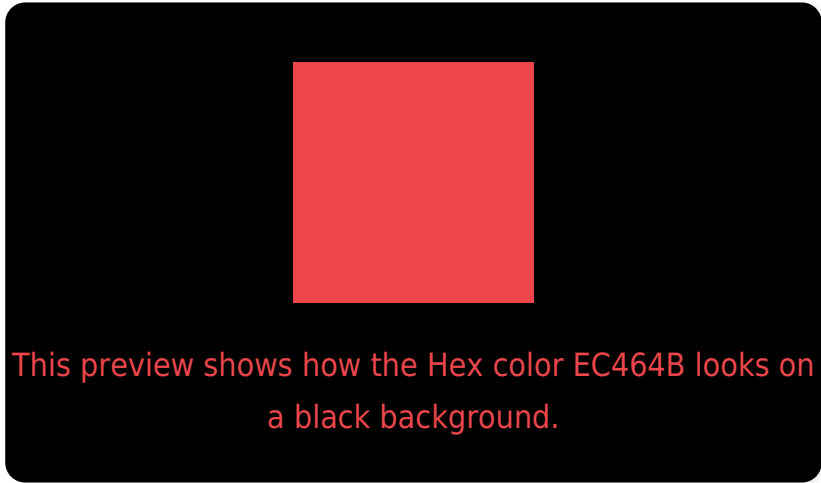
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EC464B Background



This preview shows how black text looks on a background with the Hex color EC464B.

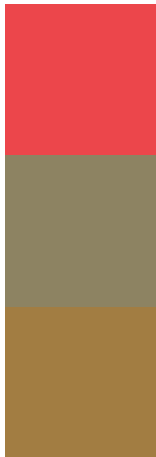


This preview shows how white text looks on a background with the Hex color EC464B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
EC464B

Protanopia
8D8362

Deuteranopia
A27D42

Trichromacy



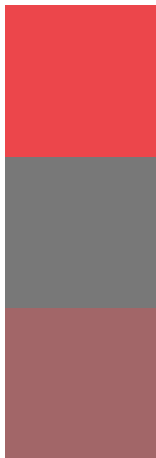
Original Color
EC464B

Protanomaly
B06D5A

Deuteranomaly
BD6945

Tritanomaly
EC464A

Monochromacy



Original Color
EC464B

Achromatopsia
787878

Achromatomaly
A26668

CSS Examples

Text

The CSS property to change the color of the text to Hex EC464B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #EC464B looks like.

```
.text, #text, p{  
    color:#EC464B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #EC464B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC464B
}
```

Border

The CSS property to change the border of an element to Hex EC464B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC464B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#EC464B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #EC464B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC464B; -webkit-box-shadow:4px 4px  
4px 4px #EC464B; box-shadow:4px 4px 4px  
4px #EC464B }
```

Background

The CSS property to change the background color of an element to Hex EC464B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC464B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#EC464B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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