

Converting Colors

Hex(EB4521)

Have a look what the booklet for
Hex(EB4521) contains.

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Color

Hex(EB4521)

Conversions

Conversions Part 1

Format	Color
Hex	EB4521
RGB	235, 69, 33
RGB Percent	92%, 27%, 13%
CMY	0.0784, 0.7294, 0.8706
CMYK	0.00, 0.71, 0.86, 0.08
HSL	11°, 83%, 53%
HSV	11°, 86%, 92%
XYZ	36.6636, 22.0282, 3.7583
YIQ	114.5300, 110.4920, 23.9960

Conversions

Conversions Part 2

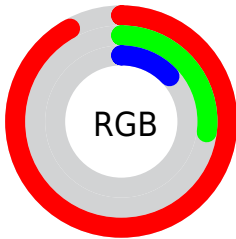
Format	Color
RYB	235, 77, 33
Decimal	15418657
CIELab	54.06, 62.00, 55.67
CIElCh	54, 83.327, 41.919
Yxy	22.0282, 0.5871, 0.3527
Android (android.graphics.Color)	4293608737 (0xFFEB4521)
YUV	114.5300, -40.1943, 105.6522
Hunter-Lab	46.9342, 57.3039, 28.1062

Details

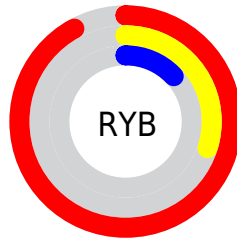
The Hex color **EB4521** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **21C7EB**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7F52**, and **AA0000** is the 20% darker color. If you saturate the color by 10%, you get **EB320A**, and if you desaturate by 10%, it is **EB5838**.

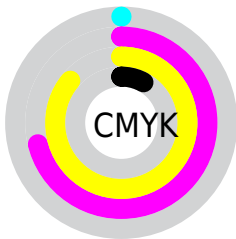
Distribution



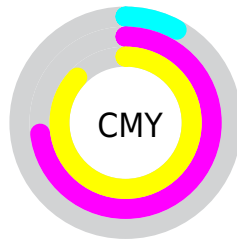
- Red (92%)
- Green (27%)
- Blue (13%)



- Red (92%)
- Yellow (30%)
- Blue (13%)



- Cyan (0%)
- Magenta (71%)
- Yellow (86%)
- Black (8%)



- Cyan (8%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB4521 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 EB4521 by changing the saturation by 10% instead.

 EB4521

 EB4521

FFFFFF

 CA2405

 FF7F52

 AA0000

 FF9B6C

 8A0000

 FFB886

 6B0000

 FFD5A1

 4D0002

 FFF3BC

 2F0002

 FFFFD8

 000000

 FFFFF5

 EB4521

 EB4521

 EB320A

 EB5838

 EB2A00

 EB6C50

 EB7F68

 EB927F

 EBA696

 EBB9AE

 EBCCC6

 EBD FDD

 EBF3F4

Harmonies

Analogous

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



FC0D68



EB4521



C06D00

Triad

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



EB4521



009D51



0081FF

Complementary

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



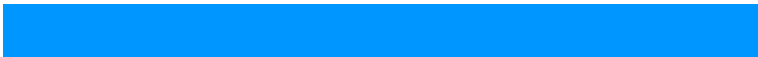
EB4521



21C7EB

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.



0096FF



EB4521



00A09D

Square

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



EB4521



229600



009EE1



A55EEE

Rectangle

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



EB4521



998000



009EE1



008AFF

Sweetspot

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



EB4521



FFC9BD



EB21C9



805F58



000000



808080

Same Dimension

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



EB4521



FF2D00



EBA821



756C6A



B52000



360A00

Inverse Universe

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



21C7EB



00D2FF



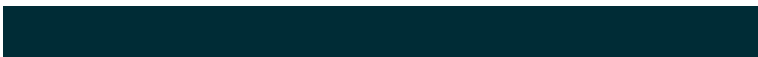
2164EB



6A7375



0095B5



002C36

Previews

White Background



This preview shows how the Hex color EB4521 looks on a white background.

Color Contrast Check

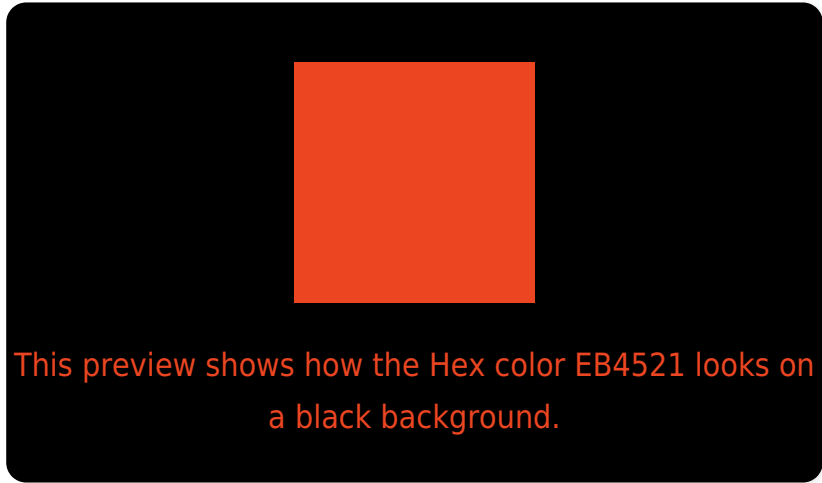
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB4521 Background



This preview shows how black text looks on a background with the Hex color EB4521.



This preview shows how white text looks on a background with the Hex color EB4521.

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

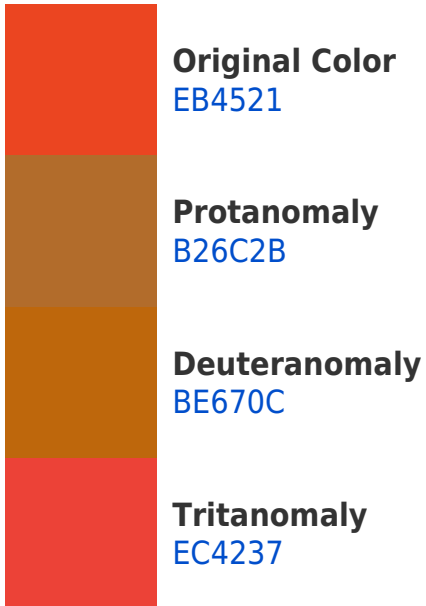


Original Color
EB4521

Protanopia
918230

Deuteranopia
A47B00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB4521 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 #EB4521 looks like.

```
.text, #text, p{  
    color:#EB4521  
}
```

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 #EB4521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4521
}
```

Border

The CSS property to change the border of an element to Hex EB4521 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
#EB4521 }
```

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

```
.border{ border-color:#EB4521 }
```

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

Here you see how a box with a 4 pixel #EB4521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4521; -webkit-box-shadow:4px 4px  
4px 4px #EB4521; box-shadow:4px 4px 4px  
4px #EB4521 }
```

Background

The CSS property to change the background color of an element to Hex EB4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4521 }
```

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

```
.background{ background-color:#EB4521 }
```

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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