

Converting Colors

Hex(ED5B07)

Have a look what the booklet for
Hex(ED5B07) contains.

Hex(ED5B07)	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(ED5B07)

Conversions

Conversions Part 1

Format	Color
Hex	ED5B07
RGB	237, 91, 7
RGB Percent	93%, 36%, 3%
CMY	0.0706, 0.6431, 0.9725
CMYK	0.00, 0.62, 0.97, 0.07
HSL	22°, 94%, 48%
HSV	22°, 97%, 93%
XYZ	38.7045, 25.5020, 3.0834
YIQ	125.0780, 113.9800, 4.8280

Conversions

Conversions Part 2

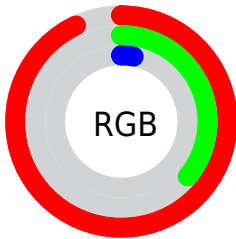
Format	Color
RYB	237, 139, 7
Decimal	15555335
CIELab	57.56, 53.53, 65.87
CIELCh	58, 84.877, 50.900
Yxy	25.5020, 0.5752, 0.3790
Android (android.graphics.Color)	4293745415 (0xFFED5B07)
YUV	125.0780, -58.2125, 98.1556
Hunter-Lab	50.4995, 48.4340, 31.7295

Details

The Hex color **ED5B07** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **0799ED**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9244**, and **AD2100** is the 20% darker color. If you saturate the color by 10%, you get **ED5700**, and if you desaturate by 10%, it is **ED6A1F**.

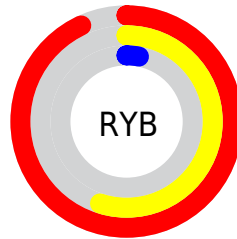
Distribution



Red (93%)

Green (36%)

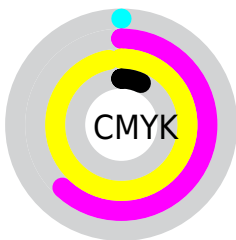
Blue (3%)



Red (93%)

Yellow (55%)

Blue (3%)

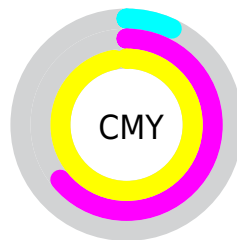


Cyan (0%)

Magenta (62%)

Yellow (97%)

Black (7%)



Cyan (7%)

Magenta (64%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED5B07 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 ED5B07 by changing the saturation by 10% instead.

 ED5B07

 ED5B07

FFFFFF

 CC3F00

 FF9244

 AD2100

 FFAE5F

 8D0000

 FFCA79

 6E0000

 FFE794

 4F0000

 FFFF80

 340002

 FFFFCC

 000000

 FFFF99

 ED5B07

 ED5B07

ED5700

ED6A1F

ED7936

ED884E

ED9766

EDA67E

EDB595

EDC4AD

EDD3C5

EDE2DC

Harmonies

Analogous

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



FF2C5B



ED5B07



BA7F00

Triad

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



ED5B07



00A870



3D81FF

Complementary

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



ED5B07



0799ED

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.



009AFF



ED5B07



00AABD

Square

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



ED5B07



00A31C



00A7FD



CA58E9

Rectangle

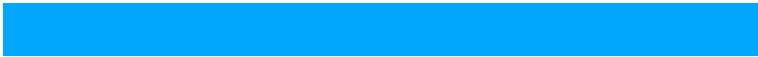
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED5B07



8F9000



00A7FD



008BFF

Sweetspot

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



ED5B07



FFD0B5



ED079C



806353



000000



808080

Same Dimension

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



ED5B07



FF5D00



EDCB07



756E6A



B54200



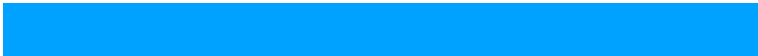
361400

Inverse Universe

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



0799ED



00A2FF



0729ED



6A7175



0073B5



002236

Previews

White Background



This preview shows how the Hex color ED5B07 looks on a white background.

Color Contrast Check

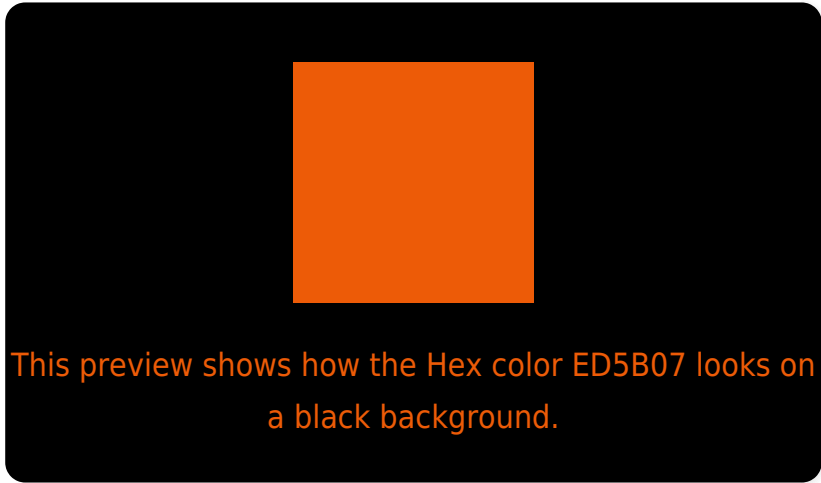
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED5B07 Background



This preview shows how black text looks on a background with the Hex color ED5B07.



This preview shows how white text looks on a background with the Hex color ED5B07.

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

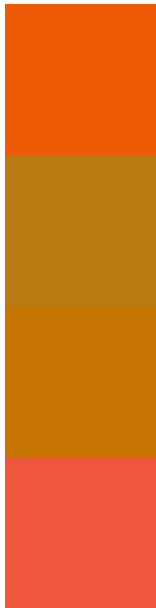


Original Color
ED5B07

Protanopia
9C8B19

Deuteranopia
AF8400

Trichromacy



Original Color
ED5B07

Protanomaly
B97A12

Deuteranomaly
C67503

Tritanomaly
EE573C

Monochromacy



Original Color
ED5B07

Achromatopsia
7D7D7D

Achromatomaly
A67152

CSS Examples

Text

The CSS property to change the color of the text to Hex ED5B07 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 #ED5B07 looks like.

```
.text, #text, p{  
    color:#ED5B07  
}
```

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 #ED5B07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED5B07  
}
```

Border

The CSS property to change the border of an element to Hex ED5B07 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  
#ED5B07 }
```

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

```
.border{ border-color:#ED5B07 }
```

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

Here you see how a box with a 4 pixel #ED5B07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED5B07; -webkit-box-shadow:4px 4px  
4px 4px #ED5B07; box-shadow:4px 4px 4px  
4px #ED5B07 }
```

Background

The CSS property to change the background color of an element to Hex ED5B07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED5B07 }
```

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

```
.background{ background-color:#ED5B07 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor