

Converting Colors

Hex(ED5200)

Have a look what the booklet for
Hex(ED5200) contains.

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Color

Hex(ED5200)

Conversions

Conversions Part 1

Format	Color
Hex	ED5200
RGB	237, 82, 0
RGB Percent	93%, 32%, 0%
CMY	0.0706, 0.6784, 1.0000
CMYK	0.00, 0.65, 1.00, 0.07
HSL	21°, 100%, 46%
HSV	21°, 100%, 93%
XYZ	37.9423, 24.0391, 2.6402
YIQ	118.9970, 118.7020, 7.3580

Conversions

Conversions Part 2

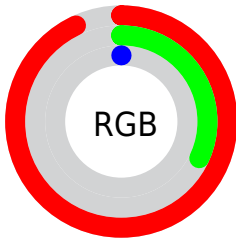
Format	Color
R_{YB}	237, 125, 0
Decimal	15553024
CIE _{Lab}	56.13, 57.26, 66.47
CIE _{LCh}	56, 87.734, 49.254
Yxy	24.0391, 0.5871, 0.3720
Android (android.graphics.Color)	4293743104 (0xFFED5200)
YUV	118.9970, -58.6655, 103.4886
Hunter-Lab	49.0297, 52.3329, 31.1280

Details

The Hex color **ED5200** 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 **009BED**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF8A40**, and **AC1000** is the 20% darker color. If you saturate the color by 10%, you get **ED5200**, and if you desaturate by 10%, it is **ED6118**.

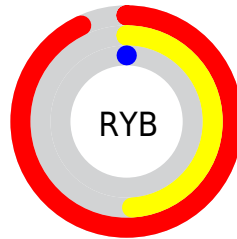
Distribution



Red (93%)

Green (32%)

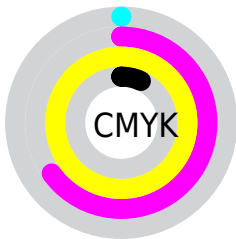
Blue (0%)



Red (93%)

Yellow (49%)

Blue (0%)

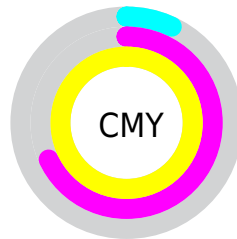


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED5200 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 ED5200 by changing the saturation by 10% instead.

 ED5200

 ED5200

FFFFFF

 CC3500

 FF8A40

 AC1000

 FFA65A

 8C0000

 FFC275

 6D0000

 FFDF8F

 4F0000

 FFFDAB

 320002

 FFFFC7

 000000

 FFFF E4

 ED5200

 ED6118

 ED712F

 ED8147

 ED905F

 ED9F76

 EDAF8E

 EDBFA6

 EDCEBE

 EDDDD5

Harmonies

Analogous

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



FF125A



ED5200



BA7A00

Triad

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



ED5200



00A567



007FFF

Complementary

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



ED5200



009BED

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.



0098FF



ED5200



00A7B7

Square

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



ED5200



009F02



00A4FA



C354EC

Rectangle

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



ED5200



8E8B00



00A4FA



0089FF

Sweetspot

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



ED5200



FFCDB3



ED009E



806152



000000



808080

Same Dimension

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



ED5200



FF5800



EDC500



756E6A



B53F00



361300

Inverse Universe

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



009BED



00A7FF



0028ED



6A7175



0076B5



002336

Previews

White Background



This preview shows how the Hex color ED5200 looks on a white background.

Color Contrast Check

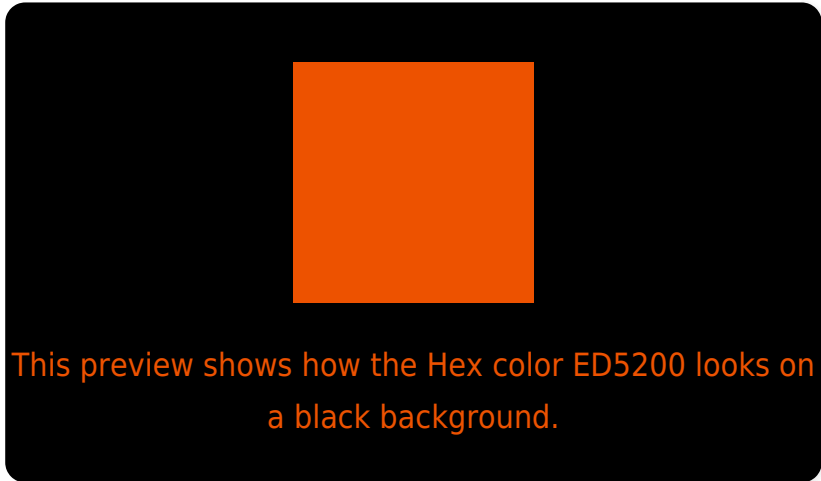
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED5200 Background



This preview shows how black text looks on a background with the Hex color ED5200.



This preview shows how white text looks on a background with the Hex color ED5200.

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

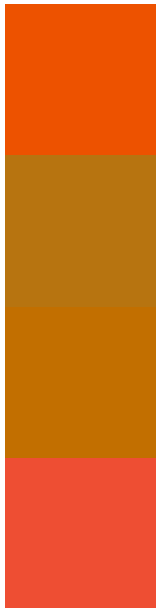


Original Color
ED5200

Protanopia
988719

Deuteranopia
AA8000

Trichromacy



Original Color
ED5200

Protanomaly
B77410

Deuteranomaly
C26F00

Tritanomaly
EE4E33

Monochromacy



Original Color
ED5200

Achromatopsia
777777

Achromatomaly
A26A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex ED5200 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 #ED5200 looks like.

```
.text, #text, p{  
    color:#ED5200  
}
```

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 #ED5200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED5200
}
```

Border

The CSS property to change the border of an element to Hex ED5200 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
#ED5200 }
```

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

```
.border{ border-color:#ED5200 }
```

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

Here you see how a box with a 4 pixel #ED5200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED5200; -webkit-box-shadow:4px 4px  
4px 4px #ED5200; box-shadow:4px 4px 4px  
4px #ED5200 }
```

Background

The CSS property to change the background color of an element to Hex ED5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED5200 }
```

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

```
.background{ background-color:#ED5200 }
```

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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