

Converting Colors

Hex(E25200)

Have a look what the booklet for
Hex(E25200) contains.

Hex(E25200)	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(E25200)

Conversions

Conversions Part 1

Format	Color
Hex	E25200
RGB	226, 82, 0
RGB Percent	89%, 32%, 0%
CMY	0.1137, 0.6784, 1.0000
CMYK	0.00, 0.64, 1.00, 0.11
HSL	22°, 100%, 44%
HSV	22°, 100%, 89%
XYZ	34.3813, 22.2033, 2.4736
YIQ	115.7080, 112.1460, 5.0260

Conversions

Conversions Part 2

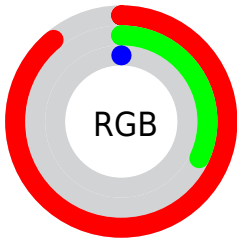
Format	Color
R_{YB}	226, 129, 0
Decimal	14832128
CIE Lab	54.24, 53.49, 64.46
CIE LCh	54, 83.766, 50.315
Yxy	22.2033, 0.5822, 0.3760
Android (android.graphics.Color)	4293022208 (0xFFE25200)
YUV	115.7080, -57.0440, 96.7261
Hunter-Lab	47.1204, 47.7815, 29.8719

Details

The Hex color **E25200** 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 **0090E2**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF893F**, and **A21500** is the 20% darker color. If you saturate the color by 10%, you get **E25200**, and if you desaturate by 10%, it is **E26017**.

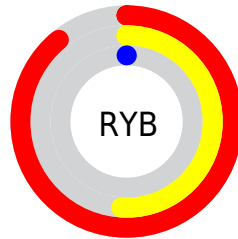
Distribution



Red (89%)

Green (32%)

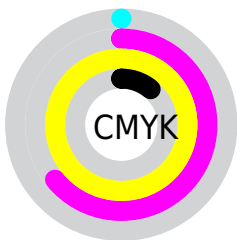
Blue (0%)



Red (89%)

Yellow (51%)

Blue (0%)

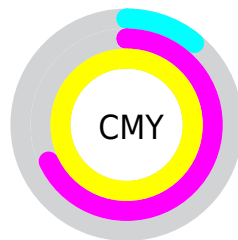


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E25200 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 E25200 by changing the saturation by 10% instead.

 E25200

 E25200

FFFFFF

 C23600

 FF893F

 A21500

 FFA559

 820000

 FFC173

 630000

 FFDE8E

 460001

 FFFBAA

 2A0001

 FFFF C6

 000000

 FFFF E2

 E25200

 E26017

 E26F2D

 E27D44

 E28C5A

 E29A71

 E2A888

 E2B79E

 E2C5B5

 E2D4CB

Harmonies

Analogous

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



FC1D55



E25200



B17600

Triad

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



E25200



009F67



2679FF

Complementary

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



E25200



0090E2

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.



0092FF



E25200



00A0B2

Square

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



E25200



00990F



009DF1



BE51DF

Rectangle

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



E25200



878700



009DF1



0083FF

Sweetspot

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



E25200



FFCEB3



E20093



806252



000000



808080

Same Dimension

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



E25200



FF5D00



E2C000



706965



B04000



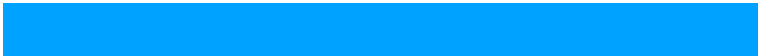
301200

Inverse Universe

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



0090E2



00A2FF



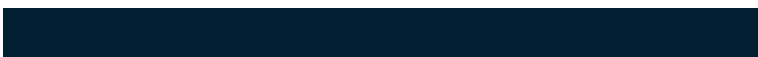
0022E2



656C70



0070B0



001F30

Previews

White Background



This preview shows how the Hex color E25200 looks on a white background.

Color Contrast Check

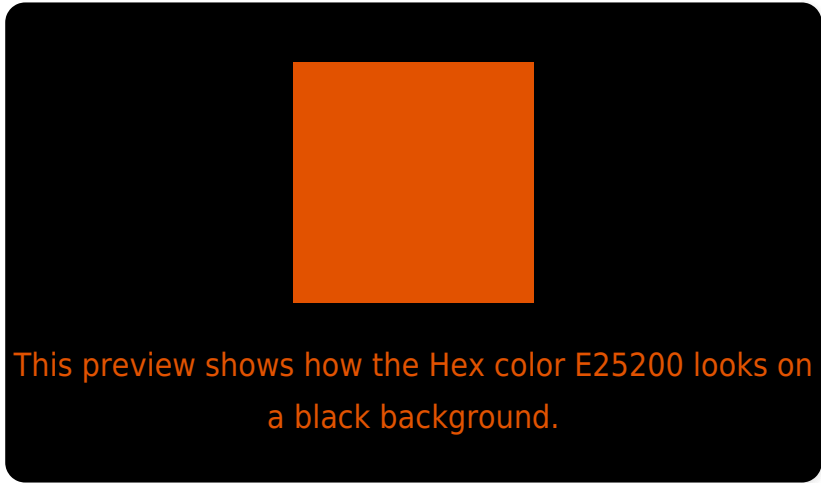
Large Text (above 18pt) WCAG AA ✓ Pass

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 E25200 Background



This preview shows how black text looks on a background with the Hex color E25200.



This preview shows how white text looks on a background with the Hex color E25200.

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
E25200

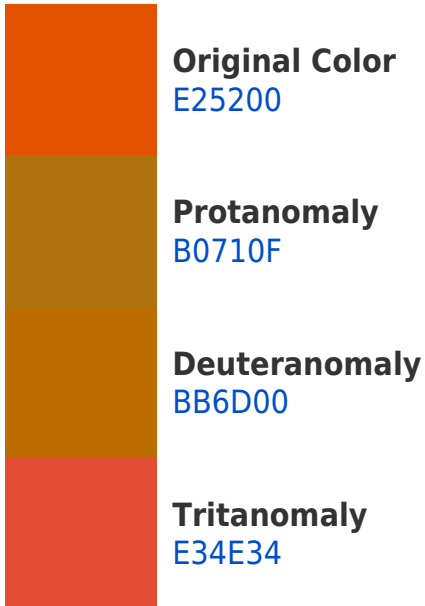
Protanopia
938317

Deuteranopia
A47C00



Tritanopia
E44C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E25200 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 #E25200 looks like.

```
.text, #text, p{  
    color:#E25200  
}
```

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 #E25200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E25200
}
```

Border

The CSS property to change the border of an element to Hex E25200 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
#E25200 }
```

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

```
.border{ border-color:#E25200 }
```

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

Here you see how a box with a 4 pixel #E25200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E25200; -webkit-box-shadow:4px 4px  
4px 4px #E25200; box-shadow:4px 4px 4px  
4px #E25200 }
```

Background

The CSS property to change the background color of an element to Hex E25200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E25200 }
```

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

```
.background{ background-color:#E25200 }
```

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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