

Converting Colors

Hex(E13200)

Have a look what the booklet for
Hex(E13200) contains.

Hex(E13200)	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(E13200)

Conversions

Conversions Part 1

Format	Color
Hex	E13200
RGB	225, 50, 0
RGB Percent	88%, 20%, 0%
CMY	0.1176, 0.8039, 1.0000
CMYK	0.00, 0.78, 1.00, 0.12
HSL	13°, 100%, 44%
HSV	13°, 100%, 88%
XYZ	32.1919, 18.2888, 1.8334
YIQ	96.6250, 120.3500, 21.5500

Conversions

Conversions Part 2

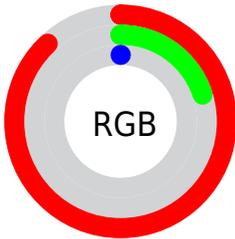
Format	Color
R_{YB}	225, 64, 0
Decimal	14758400
CIE _{Lab}	49.84, 64.72, 62.26
CIE _{LCh}	50, 89.805, 43.893
Yxy	18.2888, 0.6154, 0.3496
Android (android.graphics.Color)	4292948480 (0xFFE13200)
YUV	96.6250, -47.6361, 112.5849
Hunter-Lab	42.7654, 59.5278, 27.3939

Details

The Hex color **E13200** 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 **00AFE1**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF6F3A**, and **A00000** is the 20% darker color. If you saturate the color by 10%, you get **E13200**, and if you desaturate by 10%, it is **E14416**.

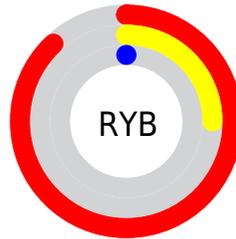
Distribution



Red (88%)

Green (20%)

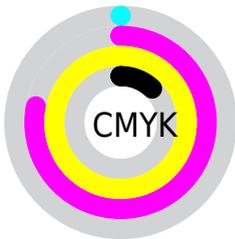
Blue (0%)



Red (88%)

Yellow (25%)

Blue (0%)

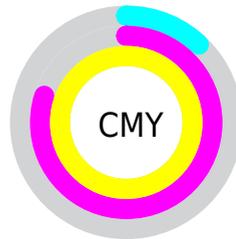


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E13200 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 E13200 by changing the saturation by 10% instead.

 E13200

 E13200

 FFFFF8

 C00000

 FF6F3A

 A00000

 FF8C54

 800000

 FFA86E

 600000

 FFC588

 440003

 FFE3A3

 230001

 FFFFBF

 000000

 FFFFDB

 E13200

 E14416

 E1552D

 E16744

 E1785A

 E18A71

 E19B87

 E1AD9D

 E1BEB4

 E1D0CB

Harmonies

Analogous

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



F60057



E13200



B26400

Triad

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



E13200



009349



0075FF

Complementary

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



E13200



00AFE1

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.



008CFF



E13200



009599

Square

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



E13200



008C00



0094E0



A14BE6

Rectangle

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



E13200



887700



0094E0



007FFF

Sweetspot

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



E13200



FFC4B3



E100B0



805C52



000000



808080

Same Dimension

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



E13200



FF3900



E1A100



706765



B02700



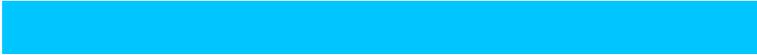
300B00

Inverse Universe

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



00AFE1



00C6FF



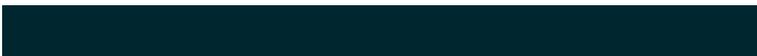
0040E1



656E70



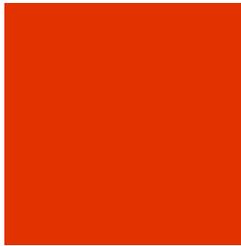
0089B0



002630

Previews

White Background



This preview shows how the Hex color E13200 looks on a white background.

Color Contrast Check

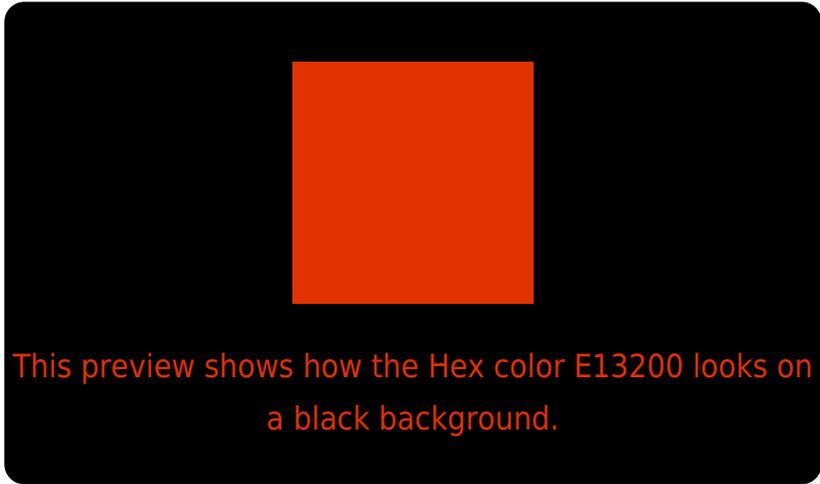
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

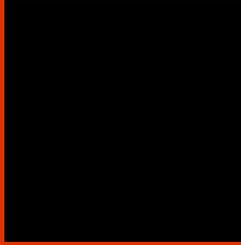
Any Text WCAG AA ✓ Pass

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 E13200 Background



This preview shows how black text looks on a background with the Hex color E13200.



This preview shows how white text looks on a background with the Hex color E13200.

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



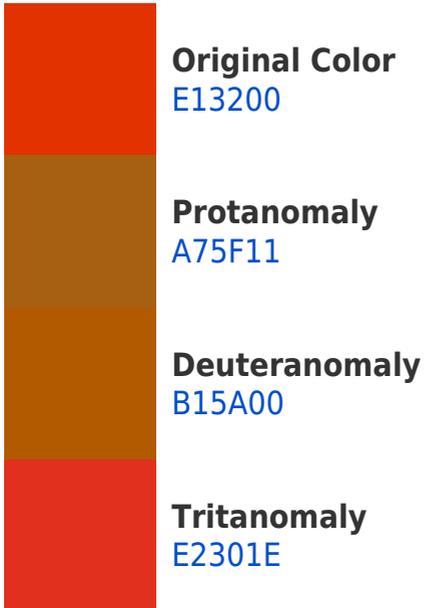
Original Color
E13200

Protanopia
86781A

Deuteranopia
967100



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E13200 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 #E13200 looks like.

```
.text, #text, p{  
    color:#E13200  
}
```

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 #E13200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E13200
}
```

Border

The CSS property to change the border of an element to Hex E13200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

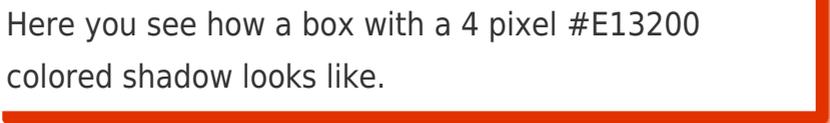
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E13200 }
```

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

```
.border{ border-color:#E13200 }
```

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



Here you see how a box with a 4 pixel #E13200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E13200; -webkit-box-shadow:4px 4px  
4px 4px #E13200; box-shadow:4px 4px 4px  
4px #E13200 }
```

Background

The CSS property to change the background color of an element to Hex E13200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E13200 }
```

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

```
.background{ background-color:#E13200 }
```

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