

Converting Colors

Hex(E94200)

Have a look what the booklet for
Hex(E94200) contains.

Hex(E94200)	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(E94200)

Conversions

Conversions Part 1

Format	Color
Hex	E94200
RGB	233, 66, 0
RGB Percent	91%, 26%, 0%
CMY	0.0863, 0.7412, 1.0000
CMYK	0.00, 0.72, 1.00, 0.09
HSL	17°, 100%, 46%
HSV	17°, 100%, 91%
XYZ	35.5525, 21.2201, 2.2221
YIQ	108.4090, 120.7180, 14.8780

Conversions

Conversions Part 2

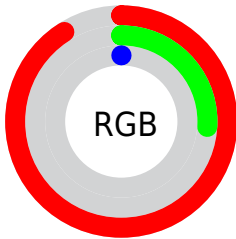
Format	Color
R_{YB}	233, 92, 0
Decimal	15286784
CIE _{Lab}	53.19, 62.03, 64.64
CIE _{LCh}	53, 89.585, 46.180
Yxy	21.2201, 0.6026, 0.3597
Android (android.graphics.Color)	4293476864 (0xFFE94200)
YUV	108.4090, -53.4456, 109.2663
Hunter-Lab	46.0652, 57.1495, 29.3857

Details

The Hex color **E94200** 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 **00A7E9**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7C3D**, and **A80000** is the 20% darker color. If you saturate the color by 10%, you get **E94200**, and if you desaturate by 10%, it is **E95317**.

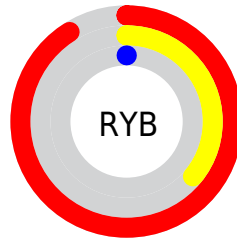
Distribution



Red (91%)

Green (26%)

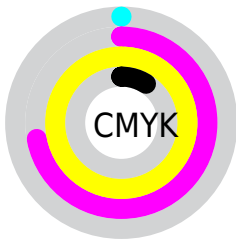
Blue (0%)



Red (91%)

Yellow (36%)

Blue (0%)

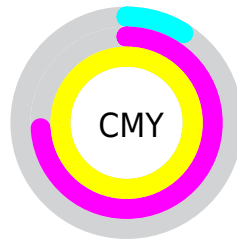


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E94200 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 E94200 by changing the saturation by 10% instead.

 E94200

 E94200

FFFFFFD

 C82000

 FF7C3D

 A80000

 FF9857

 880000

 FFB571

 680000

 FFD28C

 4A0002

 FFEFA7

 2D0001

 FFFFC3

 000000

 FFFFEO

 E94200

 E95317

 E9632F

 E97446

 E9855D

 E99575

 E9A68C

 E9B7A3

 E9C8BA

 E9D8D2

Harmonies

Analogous

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



FF005A



E94200



B86F00

Triad

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



E94200



009C57



007BFF

Complementary

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



E94200



00A7E9

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.



0093FF



E94200



009FA8

Square

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



E94200



009600



009DEE



B250EB

Rectangle

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



E94200



8D8100



009DEE



0085FF

Sweetspot

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



E94200



FFC8B3



E900AB



805F52



000000



808080

Same Dimension

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



E94200



FF4800



E9B300



756D6A



B53300



360F00

Inverse Universe

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



00A7E9



00B7FF



0036E9



6A7275



0082B5



002636

Previews

White Background



This preview shows how the Hex color E94200 looks on a white background.

Color Contrast Check

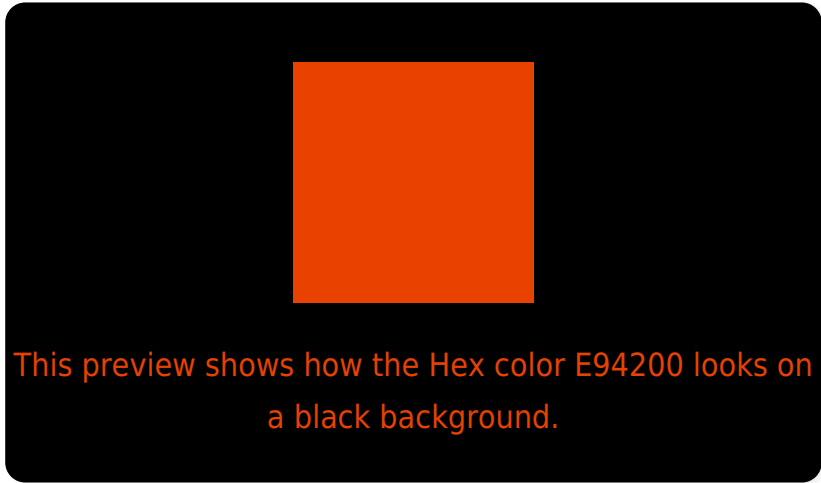
Large Text (above 18pt) WCAG AA ✓ Pass

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 E94200 Background



This preview shows how black text looks on a background with the Hex color E94200.



This preview shows how white text looks on a background with the Hex color E94200.

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
E94200

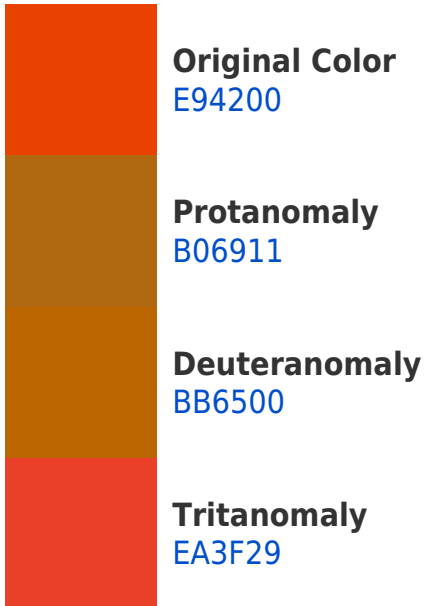
Protanopia
90801A

Deuteranopia
A17900



Tritanopia
EA3E40

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E94200 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 #E94200 looks like.

```
.text, #text, p{  
    color:#E94200  
}
```

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 #E94200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E94200
}
```

Border

The CSS property to change the border of an element to Hex E94200 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
#E94200 }
```

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

```
.border{ border-color:#E94200 }
```

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

Here you see how a box with a 4 pixel #E94200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E94200; -webkit-box-shadow:4px 4px  
4px 4px #E94200; box-shadow:4px 4px 4px  
4px #E94200 }
```

Background

The CSS property to change the background color of an element to Hex E94200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E94200 }
```

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

```
.background{ background-color:#E94200 }
```

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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