

Converting Colors

Hex(E97204)

Have a look what the booklet for
Hex(E97204) contains.

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Color

Hex(E97204)

Conversions

Conversions Part 1

Format	Color
Hex	E97204
RGB	233, 114, 4
RGB Percent	91%, 45%, 2%
CMY	0.0863, 0.5529, 0.9843
CMYK	0.00, 0.51, 0.98, 0.09
HSL	29°, 97%, 46%
HSV	29°, 98%, 91%
XYZ	39.6435, 29.3670, 3.6938
YIQ	137.0410, 106.2340, -8.9820

Conversions

Conversions Part 2

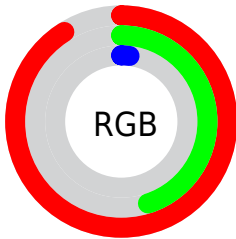
Format	Color
R_{YB}	233, 216, 4
Decimal	15299076
CIE _{Lab}	61.10, 41.23, 68.19
CIE _{LCh}	61, 79.690, 58.841
Yxy	29.3670, 0.5453, 0.4039
Android (android.graphics.Color)	4293489156 (0xFFE97204)
YUV	137.0410, -65.5892, 84.1560
Hunter-Lab	54.1914, 35.7462, 33.8926

Details

The Hex color **E97204** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **047BE9**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA846**, and **AA3F00** is the 20% darker color. If you saturate the color by 10%, you get **E97000**, and if you desaturate by 10%, it is **E97E1B**.

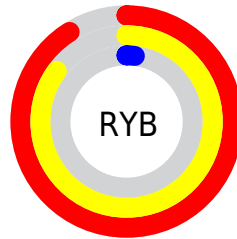
Distribution



Red (91%)

Green (45%)

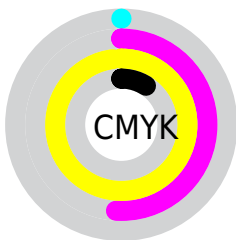
Blue (2%)



Red (91%)

Yellow (85%)

Blue (2%)

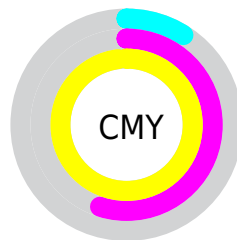


Cyan (0%)

Magenta (51%)

Yellow (98%)

Black (9%)



Cyan (9%)

Magenta (55%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E97204 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 E97204 by changing the saturation by 10% instead.

 E97204

 E97204

FFFFFF

 C95800

 FFA846

 AA3F00

 FFC361

 8B2500

 FFE07C

 6C0500

 FFFD98

 4F0000

 FFFFB4

 350001

 FFFF00

 080000

 FFFFED

 000000

 E97204

 E97204

■ E97000

■ E97E1B

■ E98A33

■ E9964A

■ E9A261

■ E9AF78

■ E9BB90

■ E9C7A7

■ E9D3BE

■ E9DFD6

Harmonies

Analogous

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



FF4E54



E97204



B49000

Triad

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



E97204



00B28F



8682FF

Complementary

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



E97204



047BE9

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.



009DFF



E97204



00B2D6

Square

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



E97204



00AD45



00ACFF



E45CDE

Rectangle

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



E97204



889E00



00ACFF



498CFF

Sweetspot

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



E97204



FFD9B5



E9047E



806853



000000



808080

Same Dimension

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



E97204



FF7A00



E9E104



756F6A



B55700



361A00

Inverse Universe

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



047BE9



0085FF



040CE9



6A7075



005EB5



001C36

Previews

White Background



This preview shows how the Hex color E97204 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 E97204 Background



This preview shows how black text looks on a background with the Hex color E97204.



This preview shows how white text looks on a background with the Hex color E97204.

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

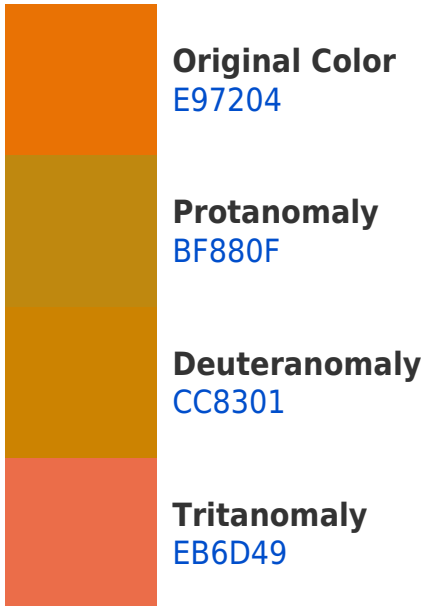


Original Color
E97204

Protanopia
A79415

Deuteranopia
BB8C00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E97204 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 #E97204 looks like.

```
.text, #text, p{  
    color:#E97204  
}
```

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 #E97204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E97204
}
```

Border

The CSS property to change the border of an element to Hex E97204 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
#E97204 }
```

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

```
.border{ border-color:#E97204 }
```

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

Here you see how a box with a 4 pixel #E97204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E97204; -webkit-box-shadow:4px 4px  
4px 4px #E97204; box-shadow:4px 4px 4px  
4px #E97204 }
```

Background

The CSS property to change the background color of an element to Hex E97204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E97204 }
```

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

```
.background{ background-color:#E97204 }
```

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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