

# Converting Colors

Hex(EA7211)

Have a look what the booklet for  
Hex(EA7211) contains.

<b>Hex(EA7211)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(EA7211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA7211
RGB	234, 114, 17
RGB Percent	92%, 45%, 7%
CMY	0.0824, 0.5529, 0.9333
CMYK	0.00, 0.51, 0.93, 0.08
HSL	27°, 86%, 49%
HSV	27°, 93%, 92%
XYZ	40.0502, 29.5675, 4.1265
YIQ	138.8220, 102.6570, -4.7270

# Conversions

## Conversions Part 2

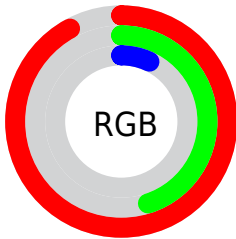
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 192, 17
Decimal	15364625
CIE <sub>Lab</sub>	61.28, 41.75, 66.06
CIE <sub>LCh</sub>	61, 78.148, 57.707
Yxy	29.5675, 0.5431, 0.4009
Android (android.graphics.Color)	4293554705 (0xFFEA7211)
YUV	138.8220, -60.0582, 83.4711
Hunter-Lab	54.3760, 36.3145, 33.5638

# Details

The Hex color **EA7211** 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 **1189EA**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA84C**, and **AB3E00** is the 20% darker color. If you saturate the color by 10%, you get **EA6900**, and if you desaturate by 10%, it is **EA7F28**.

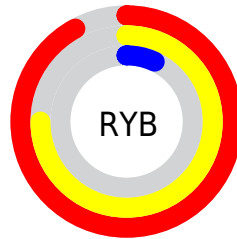
# Distribution



Red (92%)

Green (45%)

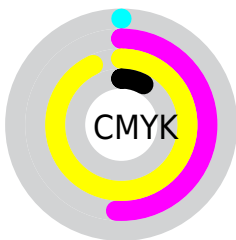
Blue (7%)



Red (92%)

Yellow (75%)

Blue (7%)

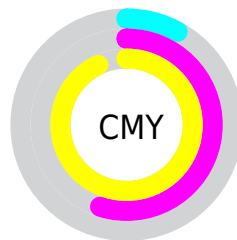


Cyan (0%)

Magenta (51%)

Yellow (93%)

Black (8%)



Cyan (8%)

Magenta (55%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA7211 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 EA7211 by changing the saturation by 10% instead.



 EA7211

 EA7211

FFFFFF

 CA5800

 FFA84C

 AB3E00

 FFC467

 8C2400

 FFE082

 6D0400

 FFFD9D

 500000

 FFFFB9

 360001

 FFFFD5

 0B0000

 FFFFF2

 000000

 EA7211

 EA7211

EA6900

EA7F28

EA8C40

EA9957

EAA66F

EAB386

EAC09D

EACDB5

EADACC

EAE6E4

# Harmonies

## Analogous

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



FF5058



EA7211



B78F00

# Triad

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



EA7211



00B28C



8284FF

# Complementary

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



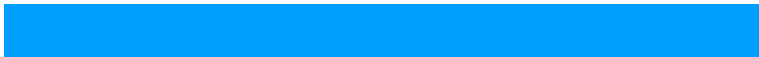
EA7211



1189EA

# 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.



009EFF



EA7211



00B2D3

# Square

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



EA7211



00AD44



00ADFF



E060DF

# Rectangle

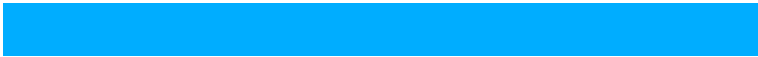
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EA7211



8C9D00



00ADFF



448EFF



# Sweetspot

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



EA7211



FFD8B8



EA118C



806854



000000



808080



# Same Dimension

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



EA7211



FF7200



EADC11



756F6A



B55100



361800



# Inverse Universe

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



1189EA



008DFF



111FEA



6A7075



0064B5



001E36



# Previews

## White Background



This preview shows how the Hex color EA7211 looks on a white background.

## Color Contrast Check

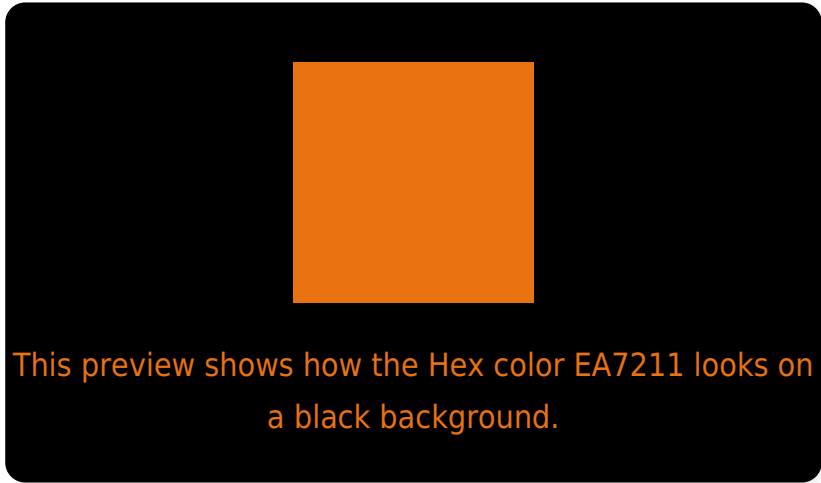
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA7211 Background



This preview shows how black text looks on a background with the Hex color EA7211.



This preview shows how white text looks on a background with the Hex color EA7211.

# 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**  
EA7211

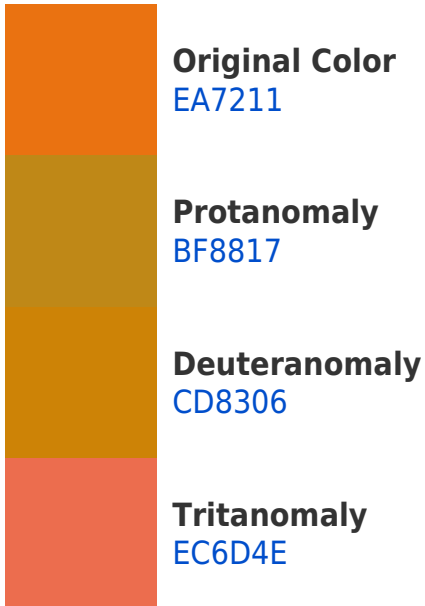
**Protanopia**  
A7951B

**Deuteranopia**  
BC8D00

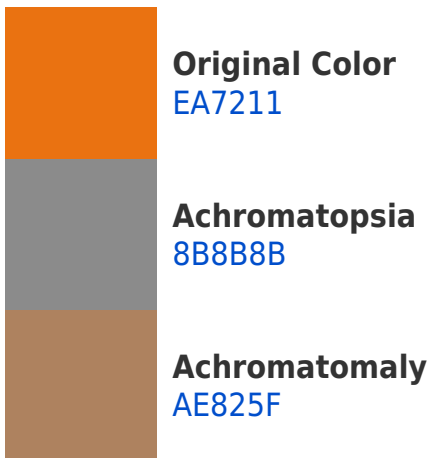


**Tritanopia**  
ED6A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA7211 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 #EA7211 looks like.

```
.text, #text, p{  
    color:#EA7211  
}
```

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 #EA7211 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA7211
}
```

## Border

The CSS property to change the border of an element to Hex EA7211 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
#EA7211 }
```

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

```
.border{ border-color:#EA7211 }
```

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

Here you see how a box with a 4 pixel #EA7211 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA7211; -webkit-box-shadow:4px 4px  
4px 4px #EA7211; box-shadow:4px 4px 4px  
4px #EA7211 }
```

# Background

The CSS property to change the background color of an element to Hex EA7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA7211 }
```

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

```
.background{ background-color:#EA7211 }
```

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