

Converting Colors

Hex(E86208)

Have a look what the booklet for
Hex(E86208) contains.

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Color

Hex(E86208)

Conversions

Conversions Part 1

Format	Color
Hex	E86208
RGB	232, 98, 8
RGB Percent	91%, 38%, 3%
CMY	0.0902, 0.6157, 0.9686
CMYK	0.00, 0.58, 0.97, 0.09
HSL	24°, 93%, 47%
HSV	24°, 97%, 91%
XYZ	37.6902, 25.9087, 3.2441
YIQ	127.8060, 108.7540, 0.4180

Conversions

Conversions Part 2

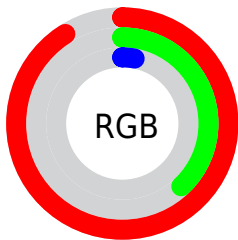
Format	Color
RYB	232, 158, 8
Decimal	15229448
CIELab	57.95, 48.59, 65.50
CIElCh	58, 81.552, 53.431
Yxy	25.9087, 0.5639, 0.3876
Android (android.graphics.Color)	4293419528 (0xFFE86208)
YUV	127.8060, -59.0644, 91.3781
Hunter-Lab	50.9006, 43.0974, 31.8516

Details

The Hex color **E86208** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **088EE8**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF9845**, and **A82C00** is the 20% darker color. If you saturate the color by 10%, you get **E85D00**, and if you desaturate by 10%, it is **E8701F**.

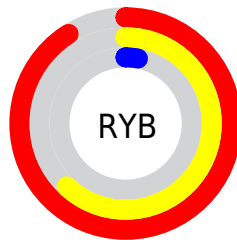
Distribution



Red (91%)

Green (38%)

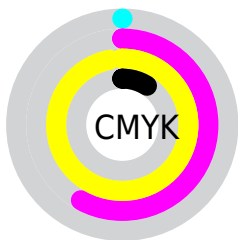
Blue (3%)



Red (91%)

Yellow (62%)

Blue (3%)

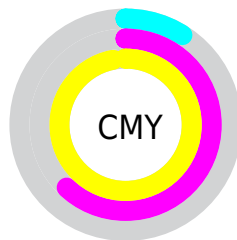


Cyan (0%)

Magenta (58%)

Yellow (97%)

Black (9%)



Cyan (9%)

Magenta (62%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color E86208 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 E86208 by changing the saturation by 10% instead.

 E86208

 E86208

FFFFFF

 C84700

 FF9845

 A82C00

 FFB460

 890900

 FFD07B

 6A0000

 FFED96

 4C0000

 FFFFB1

 320002

 FFFFCE

 000000

 FFFFEA

 E86208

 E86208

 E85D00

 E8701F

 E87E36

 E88C4E

 E89A65

 E8A77C

 E8B593

 E8C3AA

 E8D1C2

 E8DFD9

Harmonies

Analogous

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



FF3A58



E86208



B68300

Triad

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



E86208



00A979



5C7FFF

Complementary

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



E86208



088EE8

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.



0099FF



E86208



00AAC2

Square

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



E86208



00A42C



00A6FE



D059E1

Rectangle

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



E86208



8B9200



00A6FE



008AFF

Sweetspot

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



E86208



FFD3B5



E8088E



806553



000000



808080

Same Dimension

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



E86208



FF6600



E8D208



736C67



B34800



331400

Inverse Universe

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



088EE8



0099FF



081EE8



676E73



006BB3



001F33

Previews

White Background



This preview shows how the Hex color E86208 looks on a white background.

Color Contrast Check

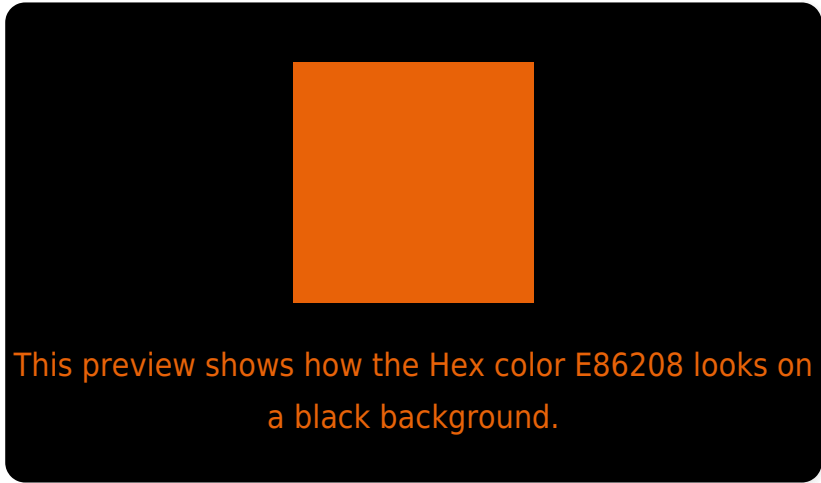
Large Text (above 18pt) WCAG AA ✓ Pass

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 E86208 Background



This preview shows how black text looks on a background with the Hex color E86208.



This preview shows how white text looks on a background with the Hex color E86208.

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
E86208

Protanopia
9D8C18

Deuteranopia
B08500



Tritanopia
EA5B61

Trichromacy



Original Color
E86208

Protanomaly
B87D12

Deuteranomaly
C47803

Tritanomaly
E95E41

Monochromacy



Original Color
E86208

Achromatopsia
808080

Achromatomaly
A67554

CSS Examples

Text

The CSS property to change the color of the text to Hex E86208 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 #E86208 looks like.

```
.text, #text, p{  
    color:#E86208  
}
```

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 #E86208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E86208
}
```

Border

The CSS property to change the border of an element to Hex E86208 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
#E86208 }
```

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

```
.border{ border-color:#E86208 }
```

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

Here you see how a box with a 4 pixel #E86208 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E86208; -webkit-box-shadow:4px 4px  
4px 4px #E86208; box-shadow:4px 4px 4px  
4px #E86208 }
```

Background

The CSS property to change the background color of an element to Hex E86208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E86208 }
```

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

```
.background{ background-color:#E86208 }
```

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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