

Converting Colors

Hex(E12206)

Have a look what the booklet for
Hex(E12206) contains.

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Color

Hex(E12206)

Conversions

Conversions Part 1

Format	Color
Hex	E12206
RGB	225, 34, 6
RGB Percent	88%, 13%, 2%
CMY	0.1176, 0.8667, 0.9765
CMYK	0.00, 0.85, 0.97, 0.12
HSL	8°, 95%, 45%
HSV	8°, 97%, 88%
XYZ	31.6562, 17.1648, 1.8170
YIQ	87.9170, 122.8240, 31.7840

Conversions

Conversions Part 2

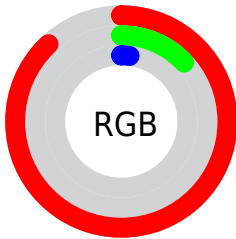
Format	Color
R_{YB}	225, 38, 6
Decimal	14754310
CIE _{Lab}	48.47, 68.71, 60.04
CIE _{LCh}	48, 91.248, 41.148
Yxy	17.1648, 0.6251, 0.3390
Android (android.graphics.Color)	4292944390 (0xFFE12206)
YUV	87.9170, -40.3851, 120.2218
Hunter-Lab	41.4304, 63.8856, 26.4011

Details

The Hex color **E12206** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **06C5E1**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF653C**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E11D00**, and if you desaturate by 10%, it is **E1361D**.

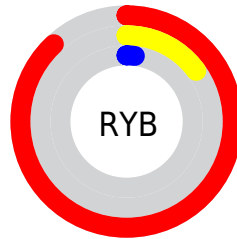
Distribution



Red (88%)

Green (13%)

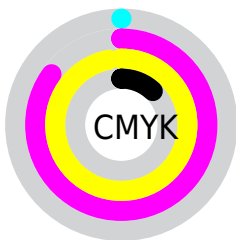
Blue (2%)



Red (88%)

Yellow (15%)

Blue (2%)

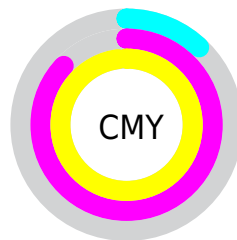


Cyan (0%)

Magenta (85%)

Yellow (97%)

Black (12%)



Cyan (12%)

Magenta (87%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E12206 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 E12206 by changing the saturation by 10% instead.

 E12206

 E12206

 FFFFFFF9

 C00000

 FF653C

 9F0000

 FF8355

 7F0000

 FFA06F

 600001

 FFBD89

 430003


 FFDBA4

 210001

 FFF9C0

 000000

 FFFFDC

 E12206

 E12206

■ E11D00

■ E1361D

■ E14933

■ E15D4A

■ E17060

■ E18477

■ E1988D

■ E1ABA4

■ E1BFBA

■ E1D3D1

Harmonies

Analogous

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



F4005B



E12206



B35C00

Triad

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



E12206



008F3D



0075FF

Complementary

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



E12206



06C5E1

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.



008AFF



E12206



00918F

Square

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



E12206



008800



0091D9



934BE9

Rectangle

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



E12206



8A7200



0091D9



007EFF

Sweetspot

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



E12206



FFBFB5



E106C7



805953



000000



808080

Same Dimension

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



E12206



FF2100



E18D06



706665



B01600



300600

Inverse Universe

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



06C5E1



00DEFF



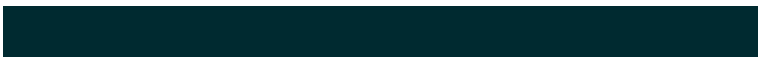
065AE1



656F70



0099B0



002A30

Previews

White Background



This preview shows how the Hex color E12206 looks on a white background.

Color Contrast Check

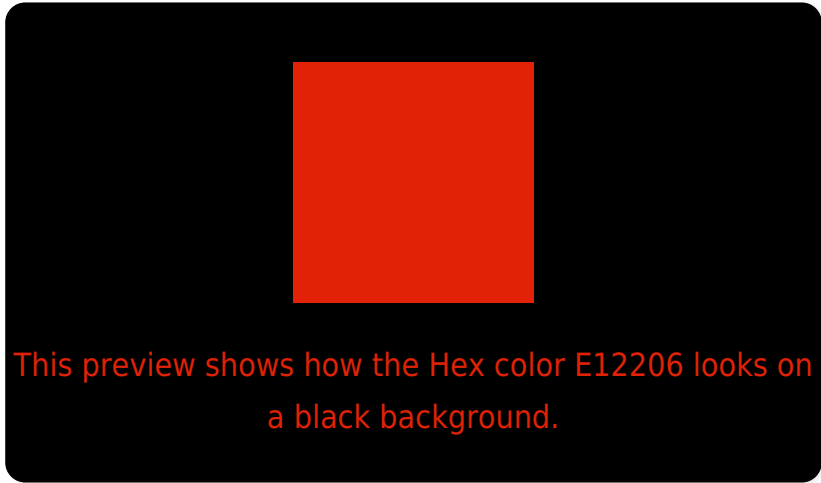
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E12206 Background



This preview shows how black text looks on a background with the Hex color E12206.



This preview shows how white text looks on a background with the Hex color E12206.

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
E12206

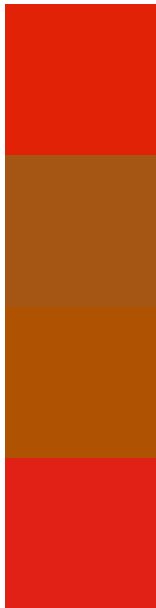
Protanopia
82741D

Deuteranopia
926E00



Tritanopia
E1201D

Trichromacy



Original Color
E12206

Protanomaly
A55615

Deuteranomaly
AF5202

Tritanomaly
E12115

Monochromacy



Original Color
E12206

Achromatopsia
585858

Achromatomaly
8A443A

CSS Examples

Text

The CSS property to change the color of the text to Hex E12206 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 #E12206 looks like.

```
.text, #text, p{  
    color:#E12206  
}
```

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 #E12206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12206
}
```

Border

The CSS property to change the border of an element to Hex E12206 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".

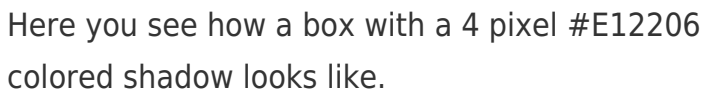
```
.border, #border, table{ border:4px solid
#E12206 }
```

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

```
.border{ border-color:#E12206 }
```

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

Here you see how a box with a 4 pixel #E12206 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and centered.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12206; -webkit-box-shadow:4px 4px  
4px 4px #E12206; box-shadow:4px 4px 4px  
4px #E12206 }
```

Background

The CSS property to change the background color of an element to Hex E12206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12206 }
```

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

```
.background{ background-color:#E12206 }
```

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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