

Converting Colors

Hex(E12C0B)

Have a look what the booklet for
Hex(E12C0B) contains.

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Color

Hex(E12C0B)

Conversions

Conversions Part 1

Format	Color
Hex	E12C0B
RGB	225, 44, 11
RGB Percent	88%, 17%, 4%
CMY	0.1176, 0.8275, 0.9569
CMYK	0.00, 0.80, 0.95, 0.12
HSL	9°, 91%, 46%
HSV	9°, 95%, 88%
XYZ	32.0124, 17.8331, 2.0715
YIQ	94.3570, 118.4690, 28.1090

Conversions

Conversions Part 2

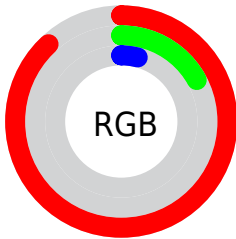
Format	Color
RYB	225, 50, 11
Decimal	14756875
CIELab	49.29, 66.45, 59.18
CIELCh	49, 88.981, 41.692
Yxy	17.8331, 0.6166, 0.3435
Android (android.graphics.Color)	4292946955 (0xFFE12C0B)
YUV	94.3570, -41.0950, 114.5739
Hunter-Lab	42.2292, 61.4131, 26.6521

Details

The Hex color **E12C0B** 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 **0BC0E1**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF6B40**, and **A00000** is the 20% darker color. If you saturate the color by 10%, you get **E12300**, and if you desaturate by 10%, it is **E13F21**.

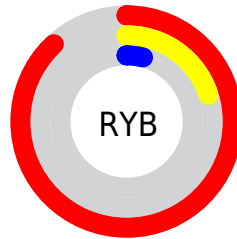
Distribution



Red (88%)

Green (17%)

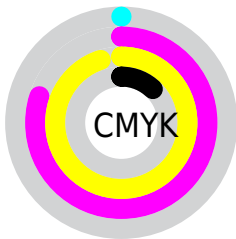
Blue (4%)



Red (88%)

Yellow (20%)

Blue (4%)

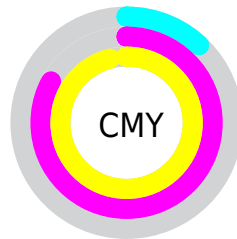


Cyan (0%)

Magenta (80%)

Yellow (95%)

Black (12%)



Cyan (12%)

Magenta (83%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color E12C0B 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 E12C0B by changing the saturation by 10% instead.

 E12C0B

 E12C0B

FFFFFFD

 C00000

 FF6B40

 A00000

 FF8859

 7F0000

 FFA573

 600001

 FFC28D

 440003

 FFE0A8

 220001

 FFFDC4

 000000

 FFFFEO

 E12C0B

 E12C0B

 E12300

 E13F21

 E15238

 E1654E

 E17865

 E18B7B

 E19E92

 E1B1A9

 E1C4BF

 E1D7D6

Harmonies

Analogous

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



F4005C



E12C0B



B46000

Triad

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



E12C0B



009142



0076FF

Complementary

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



E12C0B



0BC0E1

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.



008BFF



E12C0B



009392

Square

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



E12C0B



008A00



0093D9



974EE8

Rectangle

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



E12C0B



8B7400



0093D9



007FFF

Sweetspot

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



E12C0B



FFC0B5



E10BC1



805A53



000000



808080

Same Dimension

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



E12C0B



FF2700



E1960B



706765



B01B00



300700

Inverse Universe

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



0BC0E1



00D8FF



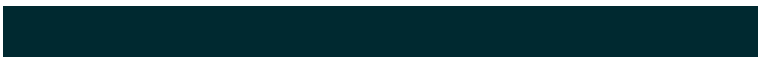
0B56E1



656E70



0095B0



002930

Previews

White Background



This preview shows how the Hex color E12C0B looks on a white background.

Color Contrast Check

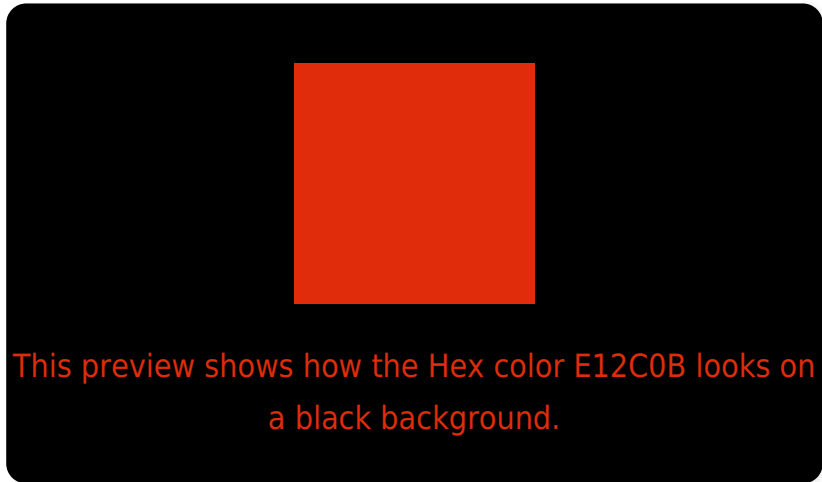
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 E12C0B Background



This preview shows how black text looks on a background with the Hex color E12C0B.

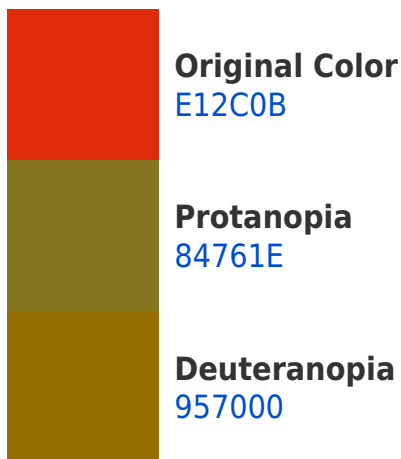


This preview shows how white text looks on a background with the Hex color E12C0B.

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](#).

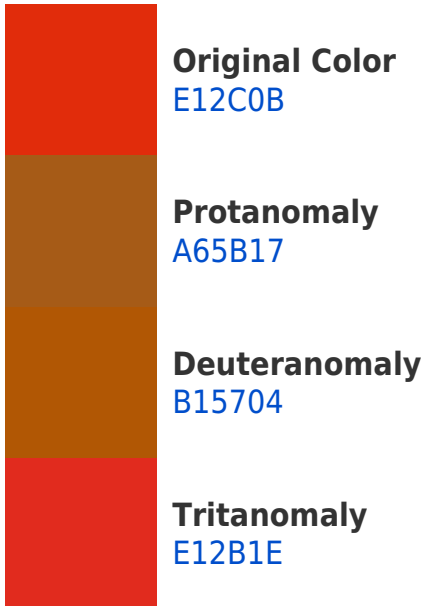
Dichromacy





Tritanopia
E12A29

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E12C0B 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 #E12C0B looks like.

```
.text, #text, p{  
    color:#E12C0B  
}
```

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 #E12C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12C0B
}
```

Border

The CSS property to change the border of an element to Hex E12C0B 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".

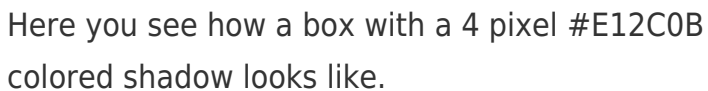
```
.border, #border, table{ border:4px solid
#E12C0B }
```

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

```
.border{ border-color:#E12C0B }
```

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

Here you see how a box with a 4 pixel #E12C0B 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 reads: "Here you see how a box with a 4 pixel #E12C0B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12C0B; -webkit-box-shadow:4px 4px  
4px 4px #E12C0B; box-shadow:4px 4px 4px  
4px #E12C0B }
```

Background

The CSS property to change the background color of an element to Hex E12C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12C0B }
```

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

```
.background{ background-color:#E12C0B }
```

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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