

# Converting Colors

Hex(B72E12)

Have a look what the booklet for  
Hex(B72E12) contains.

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**Color**

**Hex(B72E12)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B72E12
RGB	183, 46, 18
RGB Percent	72%, 18%, 7%
CMY	0.2824, 0.8196, 0.9294
CMYK	0.00, 0.75, 0.90, 0.28
HSL	10°, 82%, 39%
HSV	10°, 90%, 72%
XYZ	20.6146, 12.0649, 1.8145
YIQ	83.7710, 90.6400, 20.3360

# Conversions

## Conversions Part 2

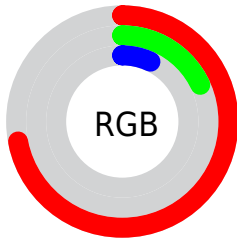
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	183, 52, 18
Decimal	12004882
CIE Lab	41.32, 53.35, 47.74
CIE LCh	41, 71.589, 41.826
Yxy	12.0649, 0.5976, 0.3498
Android (android.graphics.Color)	4290194962 (0xFFB72E12)
YUV	83.7710, -32.4251, 87.0238
Hunter-Lab	34.7346, 45.1522, 21.2170

# Details

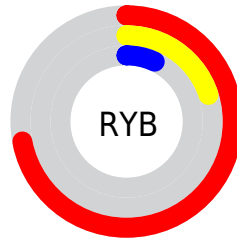
The Hex color **B72E12** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **129BB7**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F76642**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B71F00**, and if you desaturate by 10%, it is **B73D24**.

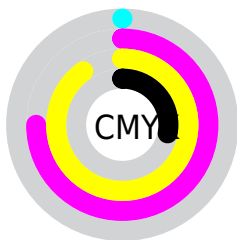
# Distribution



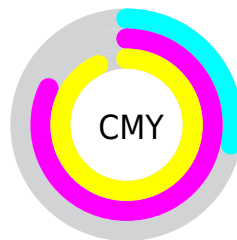
- Red (72%)
- Green (18%)
- Blue (7%)



- Red (72%)
- Yellow (20%)
- Blue (7%)



- Cyan (0%)
- Magenta (75%)
- Yellow (90%)
- Black (28%)



- Cyan (28%)
- Magenta (82%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B72E12 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 B72E12 by changing the saturation by 10% instead.



 B72E12

 B72E12

FFFFFFD

 980700

 F76642

 790000

 FF825A

 5A0000

 FF9D74

 3F0002

 FFBA8E

 1D0001

 FFD6A8

 000000

 FFF4C4

 FFFFEO

 B72E12

 B72E12

 B71F00

 B73D24

 B74C37

 B75C49

 B76B5B

 B77A6E

 B78980

 B79892

 B7A8A4

 B7B7B7

# Harmonies

## Analogous

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



C5004D



B72E12



945100

# Triad

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



B72E12



00783A



0062D7

# Complementary

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



B72E12



129BB7

# 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.



0072D3



B72E12



007A78

# Square

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



B72E12



0B7200



0079B0



7D44BA

# Rectangle

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



B72E12



746100



0079B0



0069D9



# Sweetspot

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



B72E12



EDB8AD



B7129B



785851



F7F7F7



787878



# Same Dimension

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



B72E12



ED2800



B78012



5C5453



9C1A00



1C0500



# Inverse Universe

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



129BB7



00C5ED



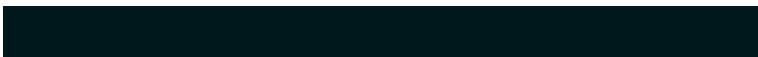
1249B7



535A5C



00819C



00171C



# Previews

## White Background



This preview shows how the Hex color B72E12 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 B72E12 Background



This preview shows how black text looks on a background with the Hex color B72E12.



This preview shows how white text looks on a background with the Hex color B72E12.

# 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**  
B72E12

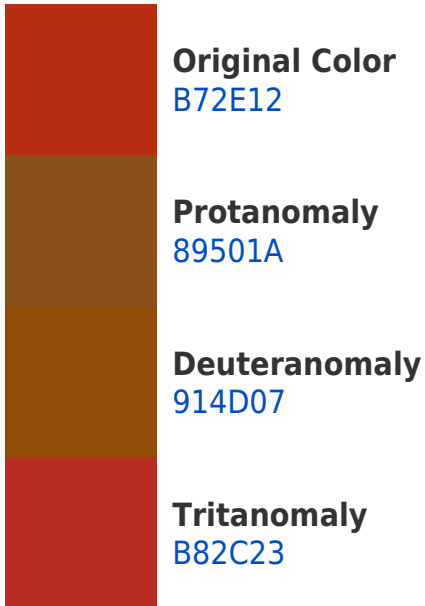
**Protanopia**  
6E631F

**Deuteranopia**  
7C5E00



**Tritanopia**  
B82B2C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B72E12 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 #B72E12 looks like.

```
.text, #text, p{  
    color:#B72E12  
}
```

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 #B72E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B72E12
}
```

## Border

The CSS property to change the border of an element to Hex B72E12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

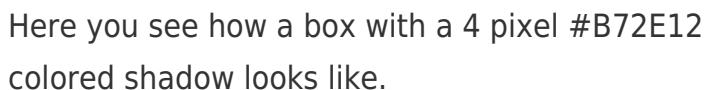
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B72E12 }
```

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

```
.border{ border-color:#B72E12 }
```

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



Here you see how a box with a 4 pixel #B72E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B72E12; -webkit-box-shadow:4px 4px  
4px 4px #B72E12; box-shadow:4px 4px 4px  
4px #B72E12 }
```

# Background

The CSS property to change the background color of an element to Hex B72E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B72E12 }
```

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

```
.background{ background-color:#B72E12 }
```

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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