

# Converting Colors

Hex(BE0A12)

Have a look what the booklet for  
Hex(BE0A12) contains.

<b>Hex(BE0A12)</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(BE0A12)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE0A12
RGB	190, 10, 18
RGB Percent	75%, 4%, 7%
CMY	0.2549, 0.9608, 0.9294
CMYK	0.00, 0.95, 0.91, 0.25
HSL	357°, 90%, 39%
HSV	357°, 95%, 75%
XYZ	21.4529, 11.2079, 1.6049
YIQ	64.7320, 104.7120, 40.6480

# Conversions

## Conversions Part 2

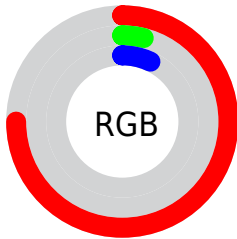
Format	Color
<a href="#">RYB</a>	<a href="#">190, 10, 18</a>
Decimal	<a href="#">12454418</a>
CIELab	<a href="#">39.93, 63.36, 47.39</a>
CIElCh	<a href="#">40, 79.121, 36.796</a>
Yxy	<a href="#">11.2079, 0.6261, 0.3271</a>
Android (android.graphics.Color)	<a href="#">4290644498</a> ( <a href="#">0xFFBE0A12</a> )
YUV	<a href="#">64.7320, -23.0389, 109.8600</a>
Hunter-Lab	<a href="#">33.4782, 55.7964, 20.5924</a>

# Details

The Hex color **BE0A12** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **0ABEB6**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **FF5540**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BE0008**, and if you desaturate by 10%, it is **BE1D24**.

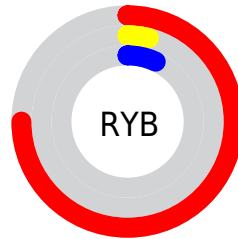
# Distribution



Red (75%)

Green (4%)

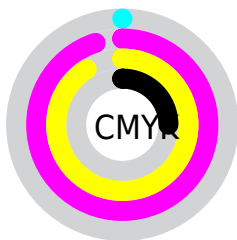
Blue (7%)



Red (75%)

Yellow (4%)

Blue (7%)

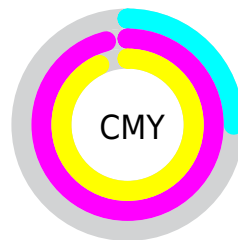


Cyan (0%)

Magenta (95%)

Yellow (91%)

Black (25%)



Cyan (25%)

Magenta (96%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE0A12 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 BE0A12 by changing the saturation by 10% instead.



 BE0A12

 BE0A12

 FFFFFA

 9E0000

 FF5540

 7E0000

 FF7259

 5F0000

 FF8E72

 430003

 FFAB8B

 220001

 FFC8A6

 000000

 FFE5C2

 FFFFDE

 BE0A12

 BE0A12

 BE0008

 BE1D24

 BE3036

 BE4348

 BE565B

 BE696D

 BE7C7F

 BE8F91

 BEA2A3

 BEB5B5

# Harmonies

## Analogous

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



CA0053



BE0A12



9A4600

# Triad

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



BE0A12



007526



0063E1

# Complementary

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



BE0A12



0ABEB6

# 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.



0072D7



BE0A12



00776C

# Square

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



BE0A12



0F6E00



0077AB



6943C7

# Rectangle

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



BE0A12



795A00



0077AB



006AE2



# Sweetspot

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



BE0A12



F7B2B5



B50ABE



7D5254



FCFCFC



7D7D7D



# Same Dimension

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



BE0A12



F7000B



BE5B0A



5E5555



9E0007



1F0001



# Inverse Universe

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



BE0A12



F7000B



0A6DBE



5E5555



9E0007



1F0001



# Previews

## White Background



This preview shows how the Hex color BE0A12 looks on a white background.

## Color Contrast Check

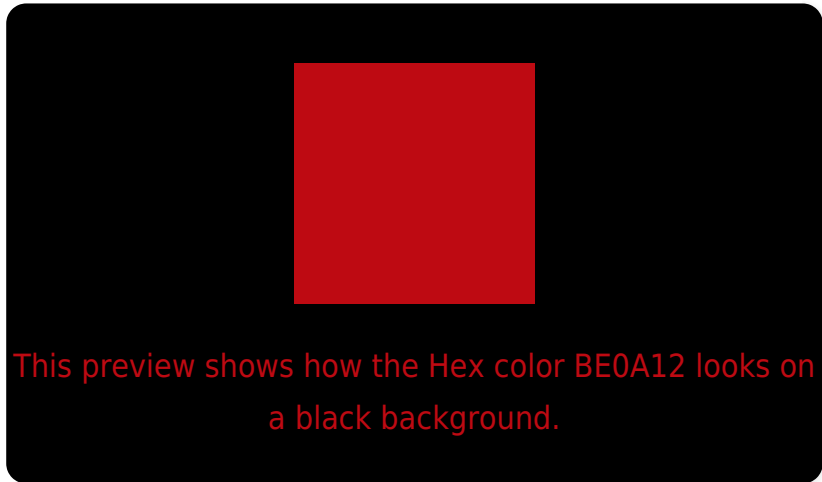
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE0A12 Background



This preview shows how black text looks on a background with the Hex color BE0A12.



This preview shows how white text looks on a background with the Hex color BE0A12.

# 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**  
BE0A12

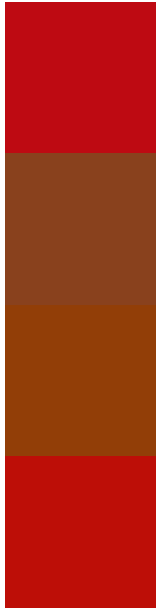
**Protanopia**  
6B6023

**Deuteranopia**  
795B00



**Tritanopia**  
BD1100

# Trichromacy



**Original Color**  
BE0A12

**Protanomaly**  
89411D

**Deuteranomaly**  
923E07

**Tritanomaly**  
BD0E07

# Monochromacy



**Original Color**  
BE0A12

**Achromatopsia**  
414141

**Achromatomaly**  
6E2D30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE0A12 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 #BE0A12 looks like.

```
.text, #text, p{  
    color:#BE0A12  
}
```

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 #BE0A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE0A12
}
```

## Border

The CSS property to change the border of an element to Hex BE0A12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

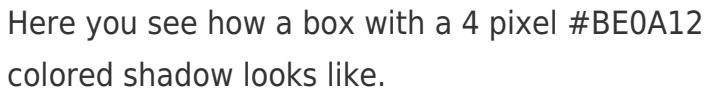
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE0A12 }
```

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

```
.border{ border-color:#BE0A12 }
```

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



Here you see how a box with a 4 pixel `#BE0A12` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE0A12; -webkit-box-shadow:4px 4px  
4px 4px #BE0A12; box-shadow:4px 4px 4px  
4px #BE0A12 }
```

# Background

The CSS property to change the background color of an element to Hex BE0A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE0A12 }
```

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

```
.background{ background-color:#BE0A12 }
```

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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