

# Converting Colors

Hex(B6150A)

Have a look what the booklet for  
Hex(B6150A) contains.

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**Color**

**Hex(B6150A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6150A
RGB	182, 21, 10
RGB Percent	71%, 8%, 4%
CMY	0.2863, 0.9176, 0.9608
CMYK	0.00, 0.88, 0.95, 0.29
HSL	4°, 90%, 38%
HSV	4°, 95%, 71%
XYZ	19.6144, 10.5033, 1.2807
YIQ	67.8850, 99.4870, 30.7110

# Conversions

## Conversions Part 2

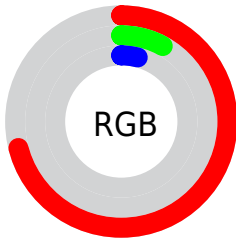
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 22, 10
Decimal	11932938
CIE Lab	38.73, 59.56, 48.88
CIE LCh	39, 77.051, 39.374
Yxy	10.5033, 0.6247, 0.3345
Android (android.graphics.Color)	4290123018 (0xFFB6150A)
YUV	67.8850, -28.5373, 100.0789
Hunter-Lab	32.4088, 51.3156, 20.3432

# Details

The Hex color **B6150A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0AABB6**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **F6573A**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B60C00**, and if you desaturate by 10%, it is **B6261C**.

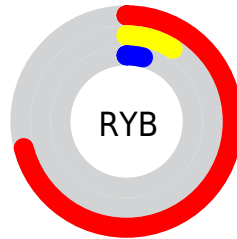
# Distribution



Red (71%)

Green (8%)

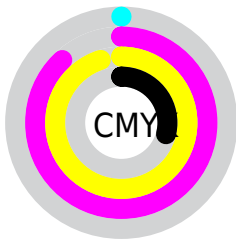
Blue (4%)



Red (71%)

Yellow (9%)

Blue (4%)

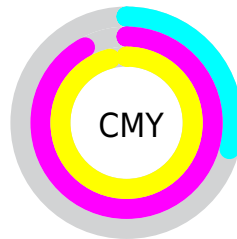


Cyan (0%)

Magenta (88%)

Yellow (95%)

Black (29%)



Cyan (29%)

Magenta (92%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6150A 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 B6150A by changing the saturation by 10% instead.



 B6150A

 B6150A

 FFFFFFF4

 970000

 F6573A

 770000

 FF7352

 580000

 FF8F6B

 3C0003

 FFAC85

 170000

 FFC8A0

 000000

 FFE6BB

 FFFFD7

 B6150A

 B6150A

 B60C00

 B6261C

 B6372E

 B64841

 B65953

 B66A65

 B67B77

 B68C89

 B69D9C

 B6AEAE

# Harmonies

## Analogous

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



C4004B



B6150A



924700

# Triad

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



B6150A



00712B



005ED9

# Complementary

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



B6150A



0AABB6

# 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.



006ED2



B6150A



00746E

# Square

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



B6150A



006C00



0074AA



6F3EBE

# Rectangle

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



B6150A



715900



0074AA



0065DB



# Sweetspot

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



B6150A



EDAFAB



B60AAD



78524F



F7F7F7



787878



# Same Dimension

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



B6150A



ED0F00



B6690A



5C5353



9C0A00



1C0200



# Inverse Universe

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



0AABB6



00DEED



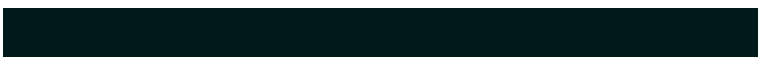
0A57B6



535B5C



00929C



001A1C



# Previews

## White Background



This preview shows how the Hex color B6150A 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 B6150A Background



This preview shows how black text looks on a background with the Hex color B6150A.



This preview shows how white text looks on a background with the Hex color B6150A.

# 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**  
B6150A

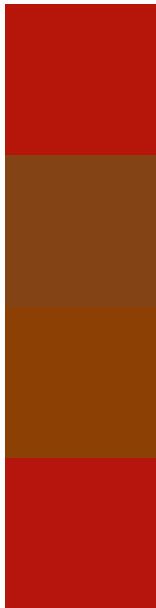
**Protanopia**  
685D1A

**Deuteranopia**  
755800



**Tritanopia**  
B6150F

# Trichromacy



**Original Color**  
B6150A

**Protanomaly**  
844314

**Deuteranomaly**  
8D4004

**Tritanomaly**  
B6150D

# Monochromacy



**Original Color**  
B6150A

**Achromatopsia**  
444444

**Achromatomaly**  
6D332F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6150A 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 #B6150A looks like.

```
.text, #text, p{  
    color:#B6150A  
}
```

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 #B6150A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6150A
}
```

## Border

The CSS property to change the border of an element to Hex B6150A is called "border". The border property can be set on classes, ids or directly on the HTML element.

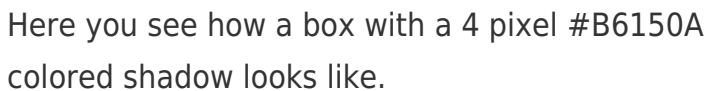
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6150A }
```

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

```
.border{ border-color:#B6150A }
```

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



Here you see how a box with a 4 pixel #B6150A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6150A; -webkit-box-shadow:4px 4px  
4px 4px #B6150A; box-shadow:4px 4px 4px  
4px #B6150A }
```

# Background

The CSS property to change the background color of an element to Hex B6150A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6150A }
```

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

```
.background{ background-color:#B6150A }
```

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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