

# Converting Colors

Hex(64150B)

Have a look what the booklet for  
Hex(64150B) contains.

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# Color

**Hex(64150B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64150B
RGB	100, 21, 11
RGB Percent	39%, 8%, 4%
CMY	0.6078, 0.9176, 0.9569
CMYK	0.00, 0.79, 0.89, 0.61
HSL	7°, 80%, 22%
HSV	7°, 89%, 39%
XYZ	5.5841, 3.2698, 0.6534
YIQ	43.4810, 50.2940, 13.6380

# Conversions

## Conversions Part 2

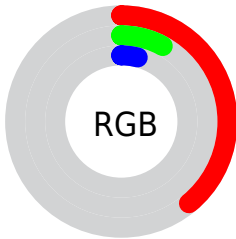
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 22, 11
Decimal	6558987
CIE Lab	21.09, 34.49, 27.02
CIE LCh	21, 43.814, 38.078
Yxy	3.2698, 0.5873, 0.3439
Android (android.graphics.Color)	4284749067 (0xFF64150B)
YUV	43.4810, -16.0131, 49.5672
Hunter-Lab	18.0826, 23.4780, 10.5154

# Details

The Hex color **64150B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B5A64**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **9D4736**, and **300001** is the 20% darker color. If you saturate the color by 10%, you get **640C01**, and if you desaturate by 10%, it is **641E15**.

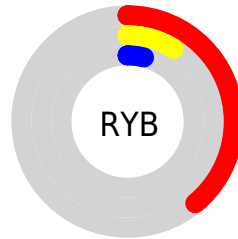
# Distribution



Red (39%)

Green (8%)

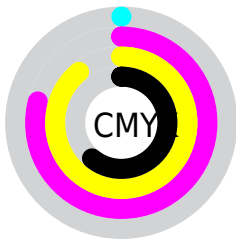
Blue (4%)



Red (39%)

Yellow (9%)

Blue (4%)

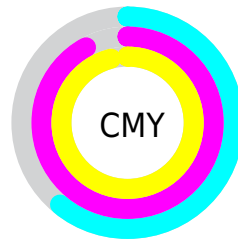


Cyan (0%)

Magenta (79%)

Yellow (89%)

Black (61%)



Cyan (61%)

Magenta (92%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64150B 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 64150B by changing the saturation by 10% instead.



 64150B

 64150B

 FFFFEC

 480000

 9D4736

 300001

 BA604D

 000000

 D87A66

 F6947F

 FFAF99

 FFCBB4

 FFE8CF

 64150B

 64150B

■ 640C01

■ 641E15

■ 640B00

■ 64271F

■ 643029

■ 643933

■ 64413D

■ 644A47

■ 645351

■ 645C5B

■ 646565

# Harmonies

## Analogous

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



6A022B



64150B



522800

# Triad

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



64150B



003F19



003474

# Complementary

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



64150B



0B5A64

# 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.



003D6F



64150B



00403B

# Square

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



64150B



143B00



00405A



3C2566

# Rectangle

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



64150B



413100



00405A



003874



# Sweetspot

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



64150B



82635F



640B5B



422F2D



C2C2C2



424242



# Same Dimension

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



64150B



820F00



64400B



332E2E



730D00



F21B00



# Inverse Universe

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



0B5A64



007382



0B2F64



2E3233



006673

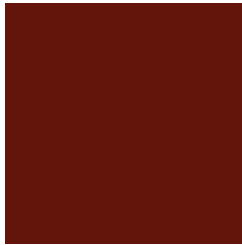


00D7F2



# Previews

## White Background



This preview shows how the Hex color 64150B looks on a white background.

## Color Contrast Check

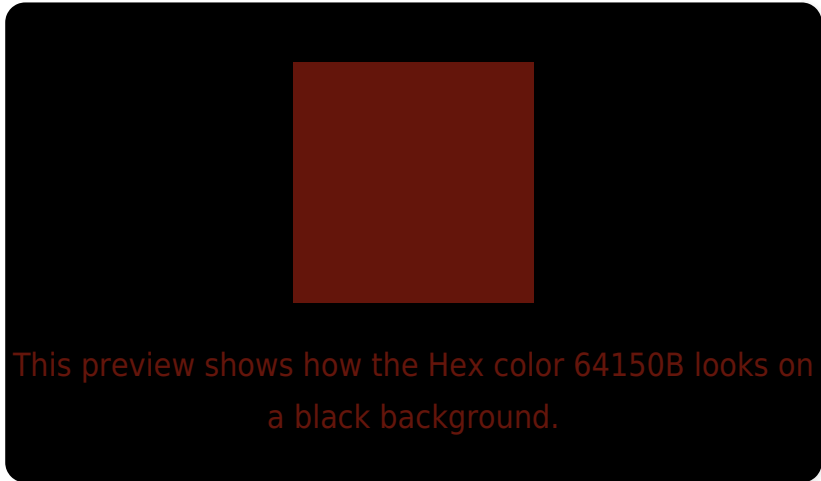
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64150B Background



This preview shows how black text looks on a background with the Hex color 64150B.



This preview shows how white text looks on a background with the Hex color 64150B.

# 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**  
64150B

**Protanopia**  
3B3512

**Deuteranopia**  
433200



**Tritanopia**  
641414

# Trichromacy



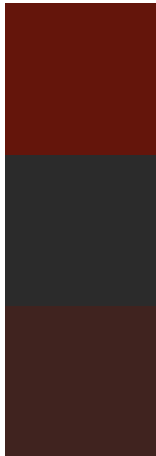
**Original Color**  
64150B

**Protanomaly**  
4A290F

**Deuteranomaly**  
4F2704

**Tritanomaly**  
641411

# Monochromacy



**Original Color**  
64150B

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
40231F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64150B 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 #64150B looks like.

```
.text, #text, p{  
    color:#64150B  
}
```

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 #64150B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64150B
}
```

## Border

The CSS property to change the border of an element to Hex 64150B is called "border". The border property can be set on classes, ids or directly on the HTML element.

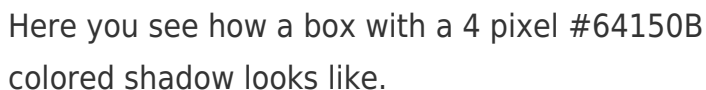
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64150B }
```

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

```
.border{ border-color:#64150B }
```

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



Here you see how a box with a 4 pixel #64150B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64150B; -webkit-box-shadow:4px 4px  
4px 4px #64150B; box-shadow:4px 4px 4px  
4px #64150B }
```

# Background

The CSS property to change the background color of an element to Hex 64150B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64150B }
```

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

```
.background{ background-color:#64150B }
```

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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