

# Converting Colors

Hex(5B1215)

Have a look what the booklet for  
Hex(5B1215) contains.

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**Color**

**Hex(5B1215)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B1215
RGB	91, 18, 21
RGB Percent	36%, 7%, 8%
CMY	0.6431, 0.9294, 0.9176
CMYK	0.00, 0.80, 0.77, 0.64
HSL	358°, 67%, 21%
HSV	358°, 80%, 36%
XYZ	4.6660, 2.7109, 0.9868
YIQ	40.1690, 42.5450, 16.4090

# Conversions

## Conversions Part 2

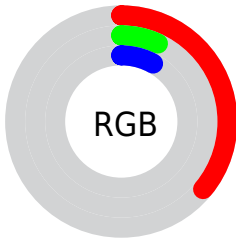
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 18, 21
Decimal	5968405
CIELab	18.85, 32.88, 18.38
CIELCh	19, 37.668, 29.210
Yxy	2.7109, 0.5579, 0.3241
Android (android.graphics.Color)	4284158485 (0xFF5B1215)
YUV	40.1690, -9.4503, 44.5788
Hunter-Lab	16.4648, 21.7726, 7.9719

# Details

The Hex color **5B1215** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **125B58**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **92433F**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **5B090C**, and if you desaturate by 10%, it is **5B1B1E**.

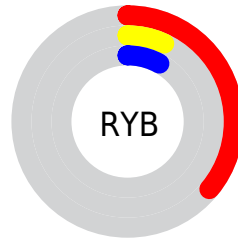
# Distribution



Red (36%)

Green (7%)

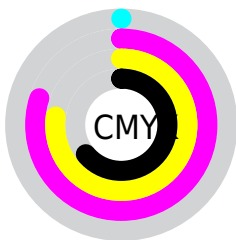
Blue (8%)



Red (36%)

Yellow (7%)

Blue (8%)

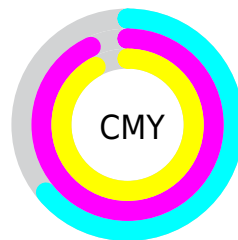


Cyan (0%)

Magenta (80%)

Yellow (77%)

Black (64%)



Cyan (64%)

Magenta (93%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B1215 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 5B1215 by changing the saturation by 10% instead.



 5B1215

 5B1215

 FFFFF6

 410000

 92433F

 290001

 AF5C57

 000000

 CC766F

 E99088

 FFABA3

 FFC7BE

 FFE3DA

 5B1215

 5B1215

■ 5B090C

■ 5B1B1E

■ 5B0004

■ 5B2426

■ 5B2D2F

■ 5B3638

■ 5B4041

■ 5B4949

■ 5B5252

■ 5B5B5B

■ 5B6464

# Harmonies

## Analogous

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



5C0B30



5B1215



4F2100

# Triad

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



5B1215



00380F



003265

# Complementary

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



5B1215



125B58

# 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.



00375D



5B1215



00392C

# Square

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



5B1215



203400



003A48



29275E

# Rectangle

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



5B1215



422900



003A48



003464



# Sweetspot

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



5B1215



75595A



57125B



3B2A2A



BABABA



3B3B3B



# Same Dimension

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



5B1215



750509



5B3312



2E2929



6E0005



ED000A



# Inverse Universe

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



5B1215



750509



123A5B



2E2929



6E0005

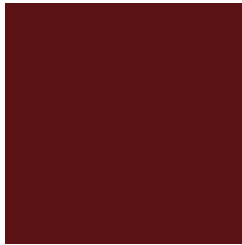


ED000A



# Previews

## White Background



This preview shows how the Hex color 5B1215 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 5B1215 Background



This preview shows how black text looks on a background with the Hex color 5B1215.

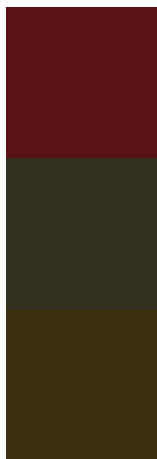


This preview shows how white text looks on a background with the Hex color 5B1215.

# 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**  
5B1215

**Protanopia**  
34301E

**Deuteranopia**  
3C2E10



# Trichromacy



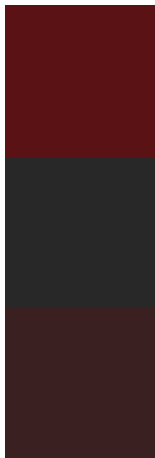
**Original Color**  
5B1215

**Protanomaly**  
42251B

**Deuteranomaly**  
472412

**Tritanomaly**  
5B1213

# Monochromacy



**Original Color**  
5B1215

**Achromatopsia**  
282828

**Achromatomaly**  
3B2021

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B1215 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 #5B1215 looks like.

```
.text, #text, p{  
    color:#5B1215  
}
```

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 #5B1215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1215  
}
```

## Border

The CSS property to change the border of an element to Hex 5B1215 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".

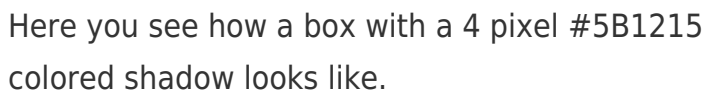
```
.border, #border, table{ border:4px solid  
#5B1215 }
```

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

```
.border{ border-color:#5B1215 }
```

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

Here you see how a box with a 4 pixel #5B1215 colored shadow looks like.

A rectangular box with a dark red border and a dark 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 #5B1215 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1215; -webkit-box-shadow:4px 4px  
4px 4px #5B1215; box-shadow:4px 4px 4px  
4px #5B1215 }
```

# Background

The CSS property to change the background color of an element to Hex 5B1215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1215 }
```

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

```
.background{ background-color:#5B1215 }
```

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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