

# Converting Colors

Hex(5B1602)

Have a look what the booklet for  
Hex(5B1602) contains.

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**Color**

**Hex(5B1602)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B1602
RGB	91, 22, 2
RGB Percent	36%, 9%, 1%
CMY	0.6431, 0.9137, 0.9922
CMYK	0.00, 0.76, 0.98, 0.64
HSL	13°, 96%, 18%
HSV	13°, 98%, 36%
XYZ	4.6123, 2.8023, 0.3552
YIQ	40.3510, 47.5440, 8.4080

# Conversions

## Conversions Part 2

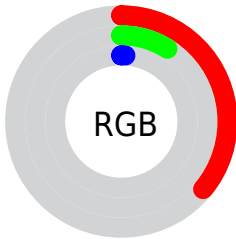
Format	Color
R <sub>Y</sub> B	91, 28, 2
Decimal	5969410
CIE Lab	19.23, 30.50, 28.08
CIE LCh	19, 41.460, 42.634
Yxy	2.8023, 0.5936, 0.3607
Android (android.graphics.Color)	4284159490 (0xFF5B1602)
YUV	40.3510, -18.9070, 44.4192
Hunter-Lab	16.7402, 19.8848, 10.4599

# Details

The Hex color **5B1602** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **02475B**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **934630**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5B1400**, and if you desaturate by 10%, it is **5B1D0B**.

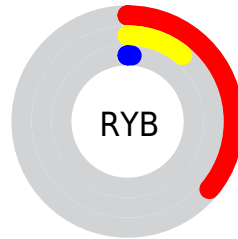
# Distribution



Red (36%)

Green (9%)

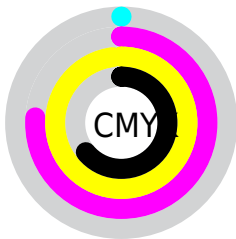
Blue (1%)



Red (36%)

Yellow (11%)

Blue (1%)

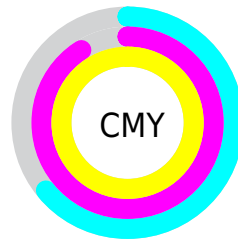


Cyan (0%)

Magenta (76%)

Yellow (98%)

Black (64%)



Cyan (64%)

Magenta (91%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B1602 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 5B1602 by changing the saturation by 10% instead.



 5B1602

 5B1602

 FFFFE4

 400000

 934630

 280001

 B05F47

 000000

 CD785F

 EB9278

 FFAD92

 FFC9AC

 FFE5C8

 5B1602

 5B1602

■ 5B1400

■ 5B1D0B

■ 5B2414

■ 5B2B1D

■ 5B3226

■ 5B3930

■ 5B4039

■ 5B4742

■ 5B4E4B

■ 5B5554

# Harmonies

## Analogous

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



620323



5B1602



492700

# Triad

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



5B1602



003A1B



002E6A

# Complementary

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



5B1602



02475B

# 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.



003769



5B1602



003B3B

# Square

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



5B1602



093700



003B57



3F1F5C

# Rectangle

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



5B1602



382E00



003B57



00326C



# Sweetspot

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



5B1602



755B53



5B0248



3B2B26



BABABA



3B3B3B



# Same Dimension

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



5B1602



751A00



5B4202



2E2A29



6E1900



ED3500



# Inverse Universe

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



02475B



005B75



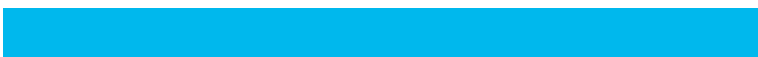
021B5B



292D2E



00556E

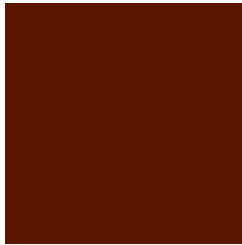


00B8ED



# Previews

## White Background



This preview shows how the Hex color 5B1602 looks on a white background.

## Color Contrast Check

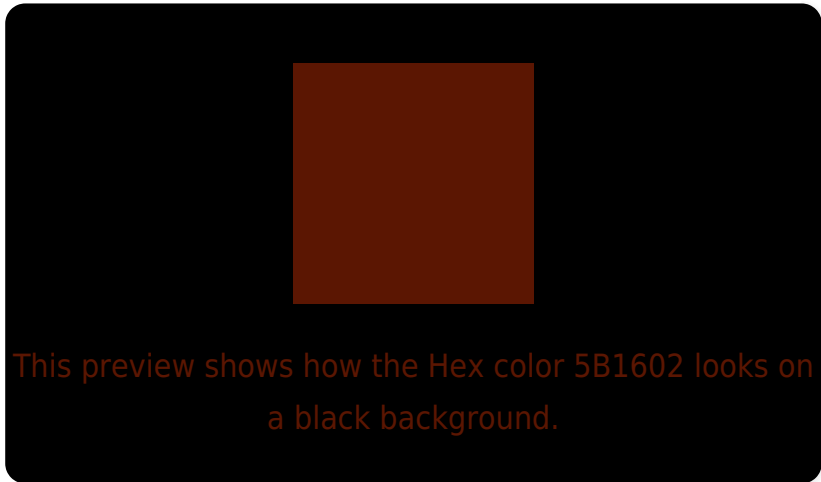
Large Text (above 18pt) WCAG AA ✓ Pass

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

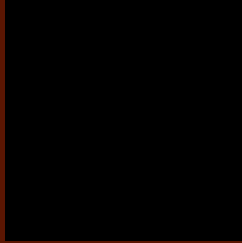
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B1602 Background



This preview shows how black text looks on a background with the Hex color 5B1602.

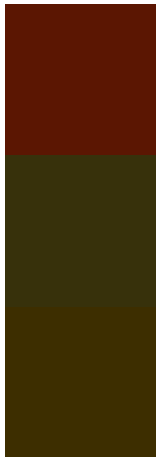


This preview shows how white text looks on a background with the Hex color 5B1602.

# 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**  
5B1602

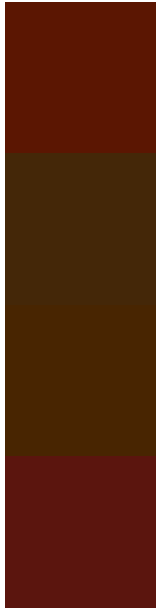
**Protanopia**  
37310B

**Deuteranopia**  
3D2E00



**Tritanopia**  
5B1515

# Trichromacy



**Original Color**  
5B1602

**Protanomaly**  
442708

**Deuteranomaly**  
482501

**Tritanomaly**  
5B150E

# Monochromacy



**Original Color**  
5B1602

**Achromatopsia**  
282828

**Achromatomaly**  
3B211A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B1602 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 #5B1602 looks like.

```
.text, #text, p{  
    color:#5B1602  
}
```

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 #5B1602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1602
}
```

## Border

The CSS property to change the border of an element to Hex 5B1602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

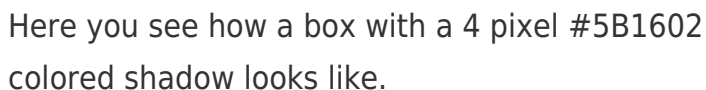
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B1602 }
```

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

```
.border{ border-color:#5B1602 }
```

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



Here you see how a box with a 4 pixel #5B1602 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1602; -webkit-box-shadow:4px 4px  
4px 4px #5B1602; box-shadow:4px 4px 4px  
4px #5B1602 }
```

# Background

The CSS property to change the background color of an element to Hex 5B1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1602 }
```

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

```
.background{ background-color:#5B1602 }
```

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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