

# Converting Colors

Hex(5B6013)

Have a look what the booklet for  
Hex(5B6013) contains.

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**Color**

**Hex(5B6013)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B6013
RGB	91, 96, 19
RGB Percent	36%, 38%, 7%
CMY	0.6431, 0.6235, 0.9255
CMYK	0.05, 0.00, 0.80, 0.62
HSL	64°, 67%, 23%
HSV	64°, 80%, 38%
XYZ	8.6148, 10.6369, 2.2152
YIQ	85.7270, 21.7370, -25.0070

# Conversions

## Conversions Part 2

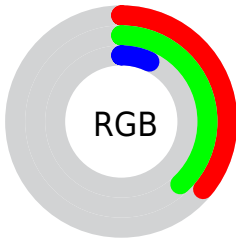
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 96, 24
Decimal	5988371
CIE <sub>Lab</sub>	38.96, -12.31, 40.16
CIE <sub>LCh</sub>	39, 42.007, 107.037
Yxy	10.6369, 0.4013, 0.4955
Android (android.graphics.Color)	4284178451 (0xFF5B6013)
YUV	85.7270, -32.8964, 4.6244
Hunter-Lab	32.6143, -9.9256, 18.8030

# Details

The Hex color **5B6013** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **181360**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **909245**, and **2A3200** is the 20% darker color. If you saturate the color by 10%, you get **5A6009**, and if you desaturate by 10%, it is **5C601D**.

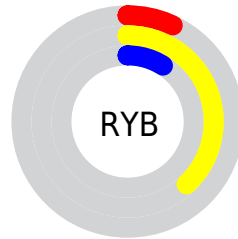
# Distribution



 Red (36%)

 Green (38%)

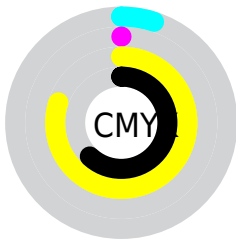
 Blue (7%)



 Red (7%)

 Yellow (38%)

 Blue (9%)

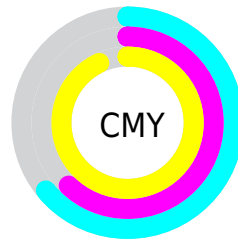


 Cyan (5%)

 Magenta (0%)

 Yellow (80%)

 Black (62%)



 Cyan (64%)

 Magenta (62%)

 Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B6013 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 5B6013 by changing the saturation by 10% instead.



 5B6013

 5B6013


FFFFFF

 424800

 909245

 2A3200

 ABAD5E

 111D00

 C7C877

 000000

 E4E492

 FFFFAD

 FFFFC9

 FFFF E5

 5B6013

 5B6013

■ 5A6009

■ 5C601D

■ 5A6000

■ 5C6026

■ 5D6030

■ 5D6039

■ 5E6043

■ 5F604D

■ 5F6056

■ 606060

■ 616069

# Harmonies

## Analogous

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



7A5514



5B6013



33672A

# Triad

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



5B6013



006A8D



923E6C

# Complementary

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



5B6013



181360

# 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.



764A8B



5B6013



00649E

# Square

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



5B6013



006C6F



40599D



9A3D4A

# Rectangle

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



5B6013



006A40



40599D



8B4177



# Sweetspot

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



5B6013



7B7D5F



601713



3F402D



BFBFBF



404040



# Same Dimension

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



5B6013



757D05



366013



30302C



697000



E0F000



# Inverse Universe

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



181360



0D057D



3D1360



2C2C30



070070



1000F0



# Previews

## White Background



This preview shows how the Hex color 5B6013 looks on a white background.

## Color Contrast Check

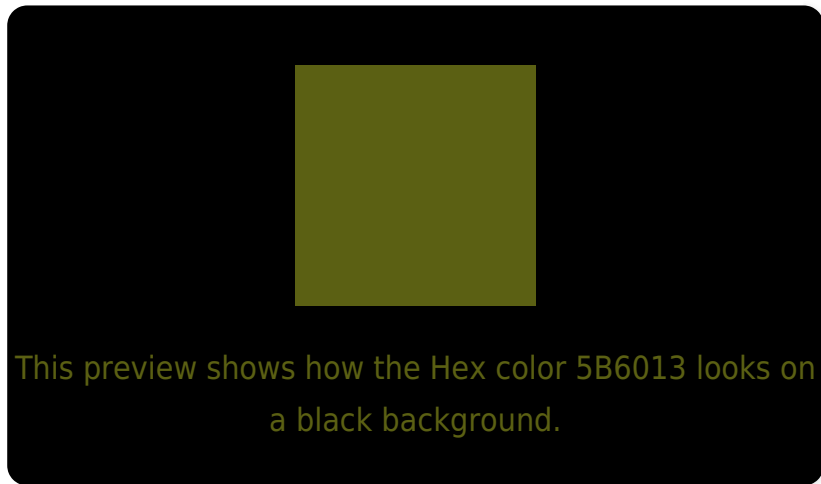
Large Text (above 18pt) WCAG AA ✓ Pass

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

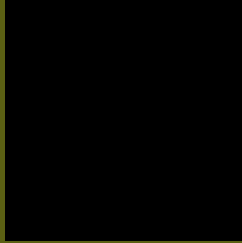
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B6013 Background



This preview shows how black text looks on a background with the Hex color 5B6013.



This preview shows how white text looks on a background with the Hex color 5B6013.

# 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**  
5B6013

**Protanopia**  
675C12

**Deuteranopia**  
735718



**Tritanopia**  
625960

# Trichromacy



**Original Color**  
5B6013

**Protanomaly**  
635D12

**Deuteranomaly**  
6A5A16

**Tritanomaly**  
5F5C44

# Monochromacy



**Original Color**  
5B6013

**Achromatopsia**  
565656

**Achromatomaly**  
585A3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B6013 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 #5B6013 looks like.

```
.text, #text, p{  
    color:#5B6013  
}
```

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 #5B6013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6013
}
```

## Border

The CSS property to change the border of an element to Hex 5B6013 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
#5B6013 }
```

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

```
.border{ border-color:#5B6013 }
```

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

Here you see how a box with a 4 pixel #5B6013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6013; -webkit-box-shadow:4px 4px  
4px 4px #5B6013; box-shadow:4px 4px 4px  
4px #5B6013 }
```

# Background

The CSS property to change the background color of an element to Hex 5B6013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6013 }
```

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

```
.background{ background-color:#5B6013 }
```

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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