

# Converting Colors

Hex(5D5C13)

Have a look what the booklet for  
Hex(5D5C13) contains.

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**Color**

**Hex(5D5C13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D5C13
RGB	93, 92, 19
RGB Percent	36%, 36%, 7%
CMY	0.6353, 0.6392, 0.9255
CMYK	0.00, 0.01, 0.80, 0.64
HSL	59°, 66%, 22%
HSV	59°, 80%, 36%
XYZ	8.4589, 10.0285, 2.1060
YIQ	83.9770, 24.0290, -22.4910

# Conversions

## Conversions Part 2

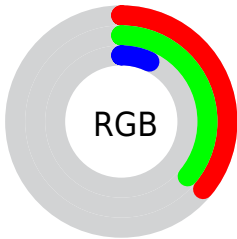
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 93, 19
Decimal	6118419
CIE Lab	37.89, -9.06, 39.23
CIE LCh	38, 40.268, 103.010
Yxy	10.0285, 0.4108, 0.4870
Android (android.graphics.Color)	4284308499 (0xFF5D5C13)
YUV	83.9770, -32.0337, 7.9132
Hunter-Lab	31.6678, -7.7388, 18.2246

# Details

The Hex color **5D5C13** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13145D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **928E44**, and **2C2E00** is the 20% darker color. If you saturate the color by 10%, you get **5D5C0A**, and if you desaturate by 10%, it is **5D5C1C**.

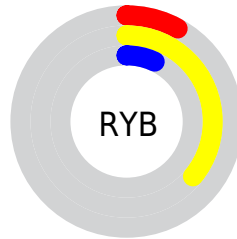
# Distribution



Red (36%)

Green (36%)

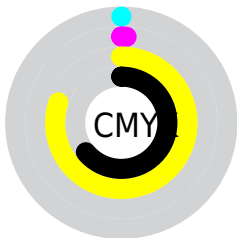
Blue (7%)



Red (8%)

Yellow (36%)

Blue (7%)

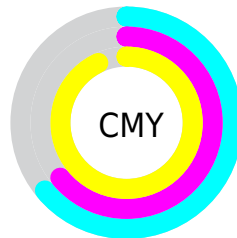


Cyan (0%)

Magenta (1%)

Yellow (80%)

Black (64%)



Cyan (64%)

Magenta (64%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D5C13 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 5D5C13 by changing the saturation by 10% instead.



 5D5C13

 5D5C13

FFFFFF

 444500

 928E44

 2C2E00

 ADA85D

 131A00

 C9C477

 000000

 E6DF91

 FFFCAC

 FFFFC8

 FFFF E4

 5D5C13

 5D5C13

■ 5D5C0A

■ 5D5C1C

■ 5D5C00

■ 5D5C26

■ 5D5C2F

■ 5D5D38

■ 5D5D42

■ 5D5D4B

■ 5D5D54

■ 5D5D5D

■ 5D5D67

# Harmonies

## Analogous

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



7A5118



5D5C13



396427

# Triad

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



5D5C13



006785



8B3E6D

# Complementary

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



5D5C13



13145D

# 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.



6D4A89



5D5C13



006297

# Square

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



5D5C13



006967



355899



953B4C

# Rectangle

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



5D5C13



0E673A



355899



834277



# Sweetspot

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



5D5C13



78775B



5D1314



3D3D2B



BDBDBD



3D3D3D



# Same Dimension

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



5D5C13



787606



395D13



2E2E29



6E6C00



EDEA00



# Inverse Universe

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



13145D



060878



37135D



29292E



00016E



0003ED



# Previews

## White Background



This preview shows how the Hex color 5D5C13 looks on a white background.

## Color Contrast Check

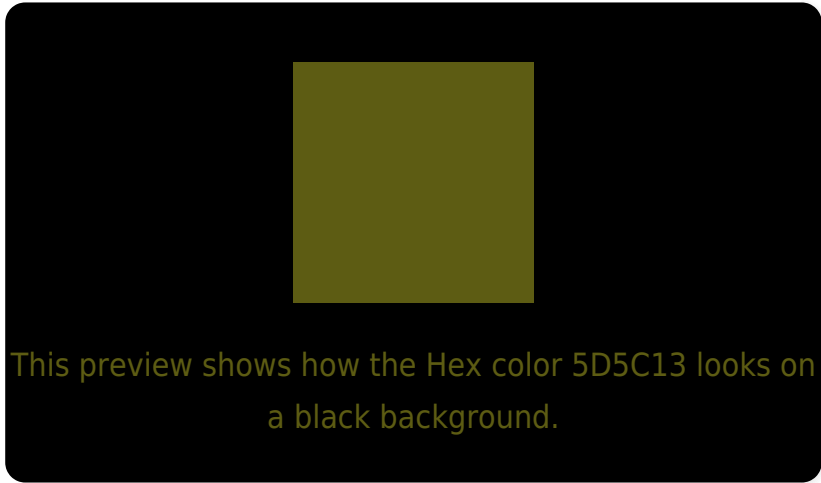
Large Text (above 18pt) WCAG AA ✓ Pass

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

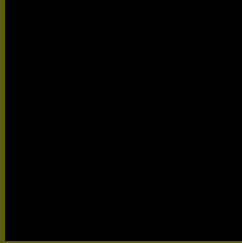
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D5C13 Background



This preview shows how black text looks on a background with the Hex color 5D5C13.



This preview shows how white text looks on a background with the Hex color 5D5C13.

# 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**  
5D5C13

**Protanopia**  
645912

**Deuteranopia**  
705517



**Tritanopia**  
63565C

# Trichromacy



**Original Color**  
5D5C13

**Protanomaly**  
615A12

**Deuteranomaly**  
695816

**Tritanomaly**  
615841

# Monochromacy



**Original Color**  
5D5C13

**Achromatopsia**  
545454

**Achromatomaly**  
57573C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D5C13 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 #5D5C13 looks like.

```
.text, #text, p{  
    color:#5D5C13  
}
```

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 #5D5C13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5C13
}
```

## Border

The CSS property to change the border of an element to Hex 5D5C13 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
#5D5C13 }
```

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

```
.border{ border-color:#5D5C13 }
```

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

Here you see how a box with a 4 pixel #5D5C13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5C13; -webkit-box-shadow:4px 4px  
4px 4px #5D5C13; box-shadow:4px 4px 4px  
4px #5D5C13 }
```

# Background

The CSS property to change the background color of an element to Hex 5D5C13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5C13 }
```

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

```
.background{ background-color:#5D5C13 }
```

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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