

# Converting Colors

Hex(5D5C01)

Have a look what the booklet for  
Hex(5D5C01) contains.

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**Color**

**Hex(5D5C01)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D5C01
RGB	93, 92, 1
RGB Percent	36%, 36%, 0%
CMY	0.6353, 0.6392, 0.9961
CMYK	0.00, 0.01, 0.99, 0.64
HSL	59°, 98%, 18%
HSV	59°, 99%, 36%
XYZ	8.3468, 9.9836, 1.5158
YIQ	81.9250, 29.8070, -28.0890

# Conversions

## Conversions Part 2

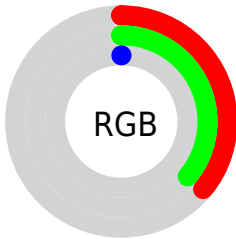
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	2, 93, 1
Decimal	6118401
CIE Lab	37.81, -9.71, 44.67
CIE LCh	38, 45.711, 102.262
Yxy	9.9836, 0.4206, 0.5030
Android (android.graphics.Color)	4284308481 (0xFF5D5C01)
YUV	81.9250, -39.8960, 9.7128
Hunter-Lab	31.5969, -8.1409, 19.2735

# Details

The Hex color **5D5C01** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **01025D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **928E39**, and **2B2F00** is the 20% darker color. If you saturate the color by 10%, you get **5D5C00**, and if you desaturate by 10%, it is **5D5C0A**.

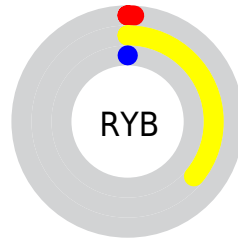
# Distribution



Red (36%)

Green (36%)

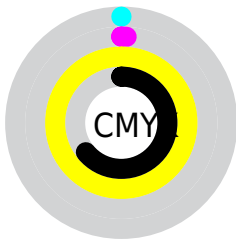
Blue (0%)



Red (1%)

Yellow (36%)

Blue (0%)

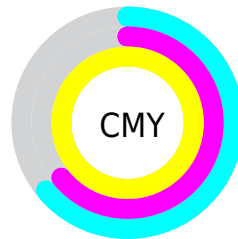


Cyan (0%)

Magenta (1%)

Yellow (99%)

Black (64%)



Cyan (64%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D5C01 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 5D5C01 by changing the saturation by 10% instead.



 5D5C01

 5D5C01


 FFFFF5

 444500

 928E39

 2B2F00

 AEA852

 111A00

 CAC36C

 000000

 E7DF86

 FFFCA1

 FFFFBC

 FFFFD9

 5D5C01

 5D5C01

■ 5D5C00

■ 5D5C0A

■ 5D5C14

■ 5D5C1D

■ 5D5C26

■ 5D5D2F

■ 5D5D39

■ 5D5D42

■ 5D5D4B

■ 5D5D55

# Harmonies

## Analogous

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



7D4F0A



5D5C01



33641D

# Triad

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



5D5C01



00698A



903870

# Complementary

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



5D5C01



01025D

# 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.



6E4890



5D5C01



00639F

# Square

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



5D5C01



006A68



2558A2



9B344B

# Rectangle

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



5D5C01



006835



2558A2



873D7C



# Sweetspot

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



5D5C01



787754



5D0103



3D3D27



BDBDBD



3D3D3D



# Same Dimension

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



5D5C01



787700



315D01



2E2E29



6E6C00



EDEB00



# Inverse Universe

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



01025D



000178



2D015D



29292E



00016E



0003ED



# Previews

## White Background



This preview shows how the Hex color 5D5C01 looks on a white background.

## Color Contrast Check

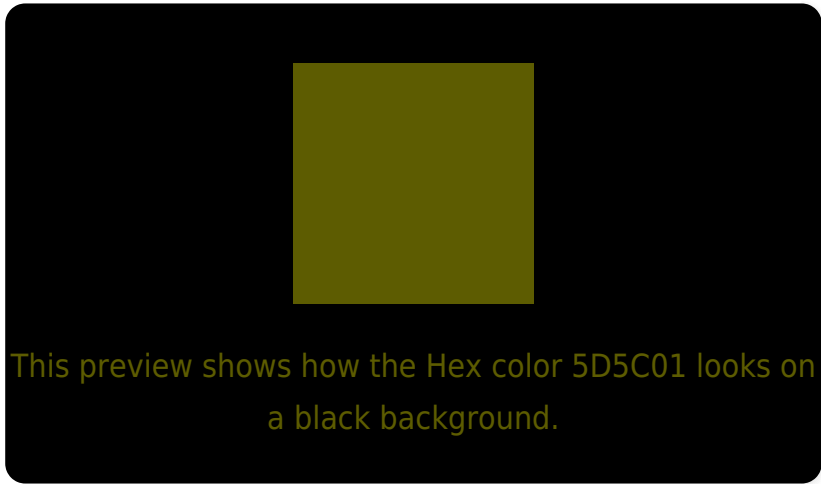
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

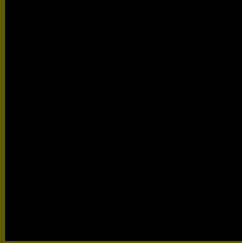
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D5C01 Background



This preview shows how black text looks on a background with the Hex color 5D5C01.



This preview shows how white text looks on a background with the Hex color 5D5C01.

# 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**  
5D5C01

**Protanopia**  
655900

**Deuteranopia**  
71550E



**Tritanopia**  
63565C

# Trichromacy



**Original Color**  
5D5C01

**Protanomaly**  
625A00

**Deuteranomaly**  
6A5809

**Tritanomaly**  
61583B

# Monochromacy



**Original Color**  
5D5C01

**Achromatopsia**  
525252

**Achromatomaly**  
565635

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D5C01 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 #5D5C01 looks like.

```
.text, #text, p{  
    color:#5D5C01  
}
```

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 #5D5C01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5C01
}
```

## Border

The CSS property to change the border of an element to Hex 5D5C01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

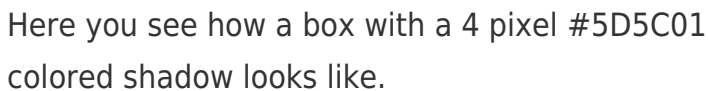
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5C01 }
```

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

```
.border{ border-color:#5D5C01 }
```

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

A rectangular box with a 4px #5D5C01 colored shadow. The box is white with a thin black border and a dark olive green shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5D5C01 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5C01; -webkit-box-shadow:4px 4px  
4px 4px #5D5C01; box-shadow:4px 4px 4px  
4px #5D5C01 }
```

# Background

The CSS property to change the background color of an element to Hex 5D5C01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5C01 }
```

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

```
.background{ background-color:#5D5C01 }
```

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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