

Converting Colors

Hex(6D5107)

Have a look what the booklet for
Hex(6D5107) contains.

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Color

Hex(6D5107)

Conversions

Conversions Part 1

Format	Color
Hex	6D5107
RGB	109, 81, 7
RGB Percent	43%, 32%, 3%
CMY	0.5725, 0.6824, 0.9725
CMYK	0.00, 0.26, 0.94, 0.57
HSL	44°, 88%, 23%
HSV	44°, 94%, 43%
XYZ	9.2875, 9.1514, 1.4779
YIQ	80.9360, 40.4420, -17.0780

Conversions

Conversions Part 2

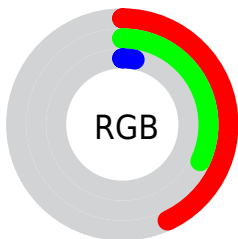
Format	Color
R_{YB}	46, 109, 7
Decimal	7164167
CIE Lab	36.27, 4.98, 42.42
CIE LCh	36, 42.711, 83.307
Yxy	9.1514, 0.4663, 0.4595
Android (android.graphics.Color)	4285354247 (0xFF6D5107)
YUV	80.9360, -36.4504, 24.6121
Hunter-Lab	30.2513, 1.8615, 18.2793

Details

The Hex color **6D5107** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **07236D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A4823B**, and **392500** is the 20% darker color. If you saturate the color by 10%, you get **6D4F00**, and if you desaturate by 10%, it is **6D5412**.

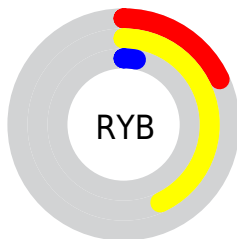
Distribution



Red (43%)

Green (32%)

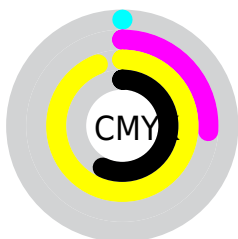
Blue (3%)



Red (18%)

Yellow (43%)

Blue (3%)

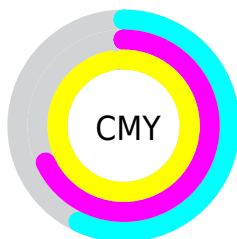


Cyan (0%)

Magenta (26%)

Yellow (94%)

Black (57%)



Cyan (57%)

Magenta (68%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D5107 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 6D5107 by changing the saturation by 10% instead.

 6D5107

 6D5107

 FFFFF6

 533A00

 A4823B

 392500

 C19C54

 201100

 DEB76D

 000000

 FBD287

 FFEFA2

 FFFFBD

 FFFFDA

 6D5107

 6D5107

■ 6D4F00

■ 6D5412

■ 6D571D

■ 6D5A28

■ 6D5D33

■ 6D603E

■ 6D6348

■ 6D6653

■ 6D695E

■ 6D6C69

Harmonies

Analogous

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



85431E



6D5107



4D5B0D

Triad

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



6D5107



00656F



77407F

Complementary

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



6D5107



07236D

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.



474F95



6D5107



00638C

Square

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



6D5107



00654C



005C9A



8F355F

Rectangle

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



6D5107



316020



005C9A



6A4588

Sweetspot

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



6D5107



8F8467



6D0724



47412F



C7C7C7



474747

Same Dimension

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



6D5107



8F6800



576D07



363430



755500



F5B200

Inverse Universe

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



07236D



00278F



1D076D



303236



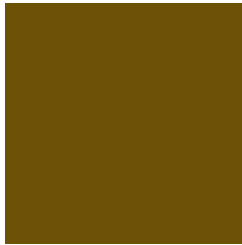
002075



0043F5

Previews

White Background



This preview shows how the Hex color 6D5107 looks on a white background.

Color Contrast Check

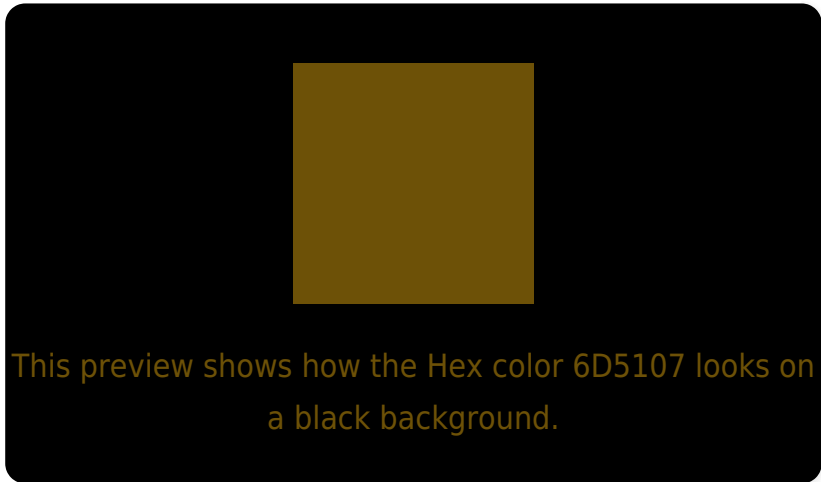
Large Text (above 18pt) WCAG AA ✓ Pass

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

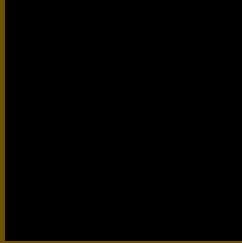
Any Text WCAG AA × Fail

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 6D5107 Background



This preview shows how black text looks on a background with the Hex color 6D5107.



This preview shows how white text looks on a background with the Hex color 6D5107.

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
6D5107

Protanopia
615609

Deuteranopia
6C5107



Tritanopia
714B51

Trichromacy



Original Color
6D5107

Protanomaly
655408

Deuteranomaly
6C5107

Tritanomaly
704D36

Monochromacy



Original Color
6D5107

Achromatopsia
515151

Achromatomaly
5B5136

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D5107 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 #6D5107 looks like.

```
.text, #text, p{  
    color:#6D5107  
}
```

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 #6D5107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5107
}
```

Border

The CSS property to change the border of an element to Hex 6D5107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

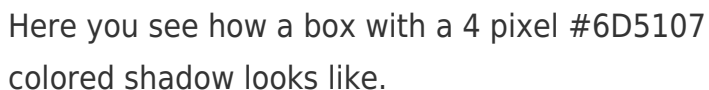
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5107 }
```

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

```
.border{ border-color:#6D5107 }
```

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



Here you see how a box with a 4 pixel #6D5107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5107; -webkit-box-shadow:4px 4px  
4px 4px #6D5107; box-shadow:4px 4px 4px  
4px #6D5107 }
```

Background

The CSS property to change the background color of an element to Hex 6D5107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5107 }
```

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

```
.background{ background-color:#6D5107 }
```

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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