

# Converting Colors

Hex(6D5131)

Have a look what the booklet for  
Hex(6D5131) contains.

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**Color**

**Hex(6D5131)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D5131
RGB	109, 81, 49
RGB Percent	43%, 32%, 19%
CMY	0.5725, 0.6824, 0.8078
CMYK	0.00, 0.26, 0.55, 0.57
HSL	32°, 38%, 31%
HSV	32°, 55%, 43%
XYZ	9.8035, 9.3578, 4.1953
YIQ	85.7240, 26.9600, -4.0160

# Conversions

## Conversions Part 2

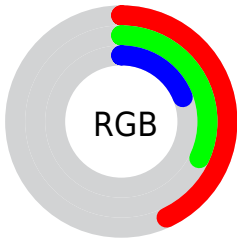
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 109, 49
Decimal	7164209
CIE <sub>Lab</sub>	36.66, 7.48, 23.25
CIE <sub>LCh</sub>	37, 24.425, 72.155
Yxy	9.3578, 0.4197, 0.4007
Android (android.graphics.Color)	4285354289 (0xFF6D5131)
YUV	85.7240, -18.1049, 20.4131
Hunter-Lab	30.5906, 3.6712, 13.2822

# Details

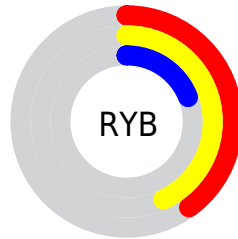
The Hex color **6D5131** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **314D6D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A28260**, and **3B2403** is the 20% darker color. If you saturate the color by 10%, you get **6D4C26**, and if you desaturate by 10%, it is **6D563C**.

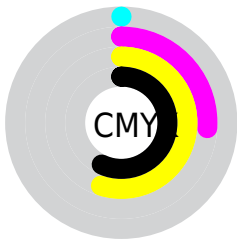
# Distribution



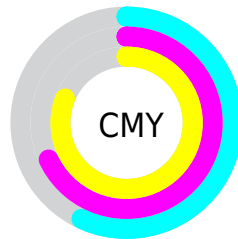
- Red (43%)
- Green (32%)
- Blue (19%)



- Red (40%)
- Yellow (43%)
- Blue (19%)



- Cyan (0%)
- Magenta (26%)
- Yellow (55%)
- Black (57%)



- Cyan (57%)
- Magenta (68%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D5131 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 6D5131 by changing the saturation by 10% instead.





6D5131



6D5131

FFFFFF



543A1B



A28260



3B2403



BE9C79



241000



DAB793



000000



F7D3AD



FFEFC9



FFFFE5



6D5131



6D5131



6D4C26



6D563C

■ 6D471B

■ 6D5B47

■ 6D4210

■ 6D6052

■ 6D3D05

■ 6D655D

■ 6D3A00

■ 6D6A68

■ 6D7072

■ 6D757D

■ 6D7A88

■ 6D7F93

# Harmonies

## Analogous

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



794A3D



6D5131



5B582F

# Triad

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



6D5131



09615E



634E73

# Complementary

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



6D5131



314D6D

# 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.



46557C



6D5131



005F70

# Square

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



6D5131



2C604A



225C7B



754863

# Rectangle

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



6D5131



4D5B34



225C7B



5A5177



# Sweetspot

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



6D5131



8F8377



6D314D



474139



C7C7C7



474747



# Same Dimension

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



6D5131



8F6331



6B6D31



363330



753F00



F58300



# Inverse Universe

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



314D6D



315D8F



33316D



303336



003775

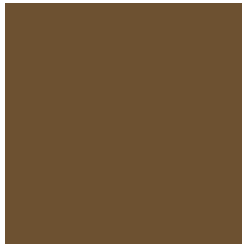


0072F5



# Previews

## White Background



This preview shows how the Hex color 6D5131 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

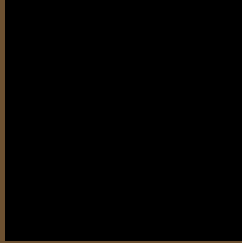
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D5131 Background



This preview shows how black text looks on a background with the Hex color 6D5131.



This preview shows how white text looks on a background with the Hex color 6D5131.

# 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**  
6D5131

**Protanopia**  
5F5733

**Deuteranopia**  
6A5331



**Tritanopia**  
704D53

# Trichromacy



**Original Color**  
6D5131

**Protanomaly**  
645532

**Deuteranomaly**  
6B5231

**Tritanomaly**  
6F4E47

# Monochromacy



**Original Color**  
6D5131

**Achromatopsia**  
565656

**Achromatomaly**  
5E5449

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D5131 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 #6D5131 looks like.

```
.text, #text, p{  
    color:#6D5131  
}
```

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 #6D5131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5131
}
```

## Border

The CSS property to change the border of an element to Hex 6D5131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

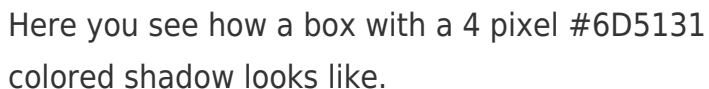
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5131 }
```

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

```
.border{ border-color:#6D5131 }
```

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



Here you see how a box with a 4 pixel #6D5131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5131; -webkit-box-shadow:4px 4px  
4px 4px #6D5131; box-shadow:4px 4px 4px  
4px #6D5131 }
```

# Background

The CSS property to change the background color of an element to Hex 6D5131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5131 }
```

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

```
.background{ background-color:#6D5131 }
```

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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