

# Converting Colors

Hex(6D1B00)

Have a look what the booklet for  
Hex(6D1B00) contains.

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**Color**

**Hex(6D1B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D1B00
RGB	109, 27, 0
RGB Percent	43%, 11%, 0%
CMY	0.5725, 0.8941, 1.0000
CMYK	0.00, 0.75, 1.00, 0.57
HSL	15°, 100%, 21%
HSV	15°, 100%, 43%
XYZ	6.6986, 4.0351, 0.4258
YIQ	48.4400, 57.5390, 8.9870

# Conversions

## Conversions Part 2

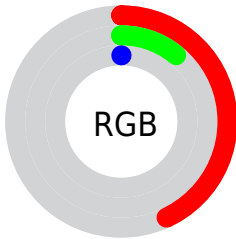
Format	Color
<b>R<sub>YB</sub></b>	109, 36, 0
Decimal	7150336
CIE Lab	23.79, 35.04, 34.92
CIE LCh	24, 49.467, 44.907
Yxy	4.0351, 0.6003, 0.3616
Android (android.graphics.Color)	4285340416 (0xFF6D1B00)
YUV	48.4400, -23.8809, 53.1111
Hunter-Lab	20.0875, 24.3715, 12.8045

# Details

The Hex color **6D1B00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00526D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A74D2F**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6D1B00**, and if you desaturate by 10%, it is **6D230B**.

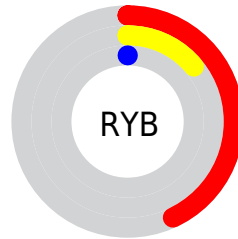
# Distribution



Red (43%)

Green (11%)

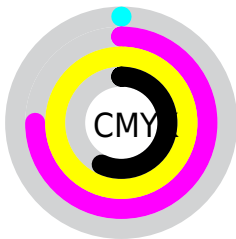
Blue (0%)



Red (43%)

Yellow (14%)

Blue (0%)

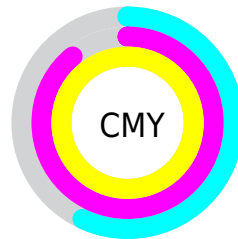


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (89%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D1B00 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 6D1B00 by changing the saturation by 10% instead.



 6D1B00

 6D1B00

 FFFFE4

 510000

 A74D2F

 360000

 C56646

 130000

 E3805E

 000000

 FF9B77

 FFB691

 FFD2AC

 FFEFC7

 6D1B00

 6D230B

 6D2B16

 6D3421

 6D3C2C

 6D4437

 6D4C41

 6D544C

 6D5D57

 6D6562

# Harmonies

## Analogous

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



770028



6D1B00



563000

# Triad

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



6D1B00



004724



003781

# Complementary

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



6D1B00



00526D

# 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.



004281



6D1B00



00484B

# Square

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



6D1B00



004400



00476D



4F236E

# Rectangle

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



6D1B00



413900



00476D



003C84



# Sweetspot

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



6D1B00



8F6F64



6D0054



47342E



C7C7C7



474747



# Same Dimension

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



6D1B00



8F2300



6D5000



363230



751D00



F53D00



# Inverse Universe

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



00526D



006B8F



001D6D



303436



005875

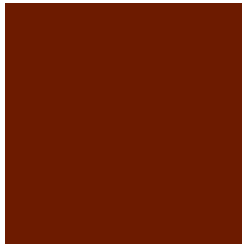


00B8F5



# Previews

## White Background



This preview shows how the Hex color 6D1B00 looks on a white background.

## Color Contrast Check

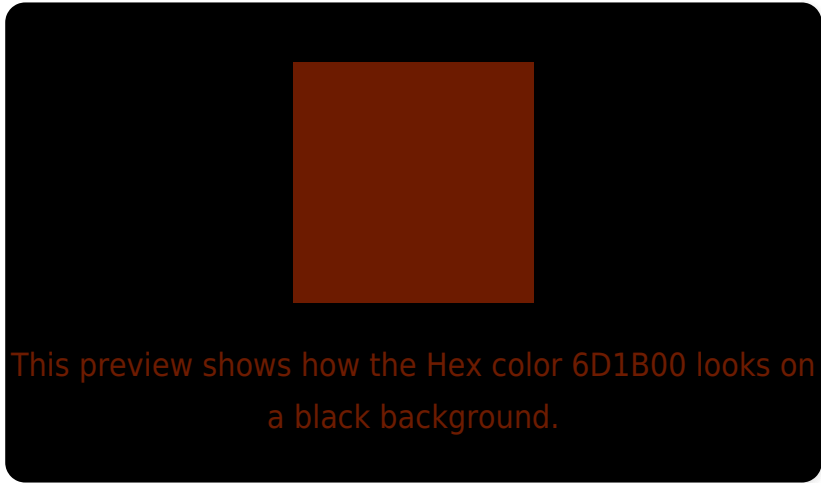
Large Text (above 18pt) WCAG AA ✓ Pass

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

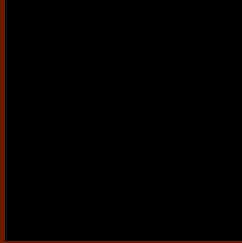
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D1B00 Background



This preview shows how black text looks on a background with the Hex color 6D1B00.



This preview shows how white text looks on a background with the Hex color 6D1B00.

# 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**  
6D1B00

**Protanopia**  
423B0D

**Deuteranopia**  
4A3800



**Tritanopia**  
6D191A

# Trichromacy



**Original Color**  
6D1B00

**Protanomaly**  
522F08

**Deuteranomaly**  
572D00

**Tritanomaly**  
6D1A11

# Monochromacy



**Original Color**  
6D1B00

**Achromatopsia**  
303030

**Achromatomaly**  
46281F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D1B00 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 #6D1B00 looks like.

```
.text, #text, p{  
    color:#6D1B00  
}
```

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 #6D1B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D1B00
}
```

## Border

The CSS property to change the border of an element to Hex 6D1B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

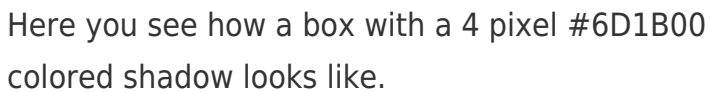
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D1B00 }
```

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

```
.border{ border-color:#6D1B00 }
```

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



Here you see how a box with a 4 pixel #6D1B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D1B00; -webkit-box-shadow:4px 4px  
4px 4px #6D1B00; box-shadow:4px 4px 4px  
4px #6D1B00 }
```

# Background

The CSS property to change the background color of an element to Hex 6D1B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D1B00 }
```

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

```
.background{ background-color:#6D1B00 }
```

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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