

# Converting Colors

Hex(6D6B16)

Have a look what the booklet for  
Hex(6D6B16) contains.

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**Color**

**Hex(6D6B16)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D6B16
RGB	109, 107, 22
RGB Percent	43%, 42%, 9%
CMY	0.5725, 0.5804, 0.9137
CMYK	0.00, 0.02, 0.80, 0.57
HSL	59°, 66%, 26%
HSV	59°, 80%, 43%
XYZ	11.7092, 13.8245, 2.8103
YIQ	97.9080, 28.4770, -26.0110

# Conversions

## Conversions Part 2

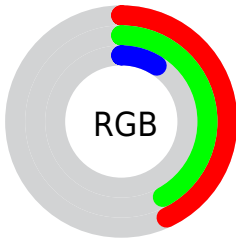
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 109, 22
Decimal	7170838
CIE Lab	43.98, -9.75, 44.31
CIE LCh	44, 45.368, 102.404
Yxy	13.8245, 0.4131, 0.4877
Android (android.graphics.Color)	4285360918 (0xFF6D6B16)
YUV	97.9080, -37.4226, 9.7277
Hunter-Lab	37.1813, -8.8540, 21.5456

# Details

The Hex color **6D6B16** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16186D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A39E49**, and **3A3C00** is the 20% darker color. If you saturate the color by 10%, you get **6D6B0B**, and if you desaturate by 10%, it is **6D6B21**.

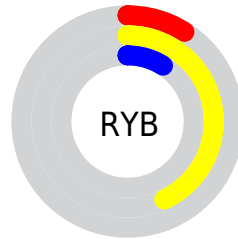
# Distribution



Red (43%)

Green (42%)

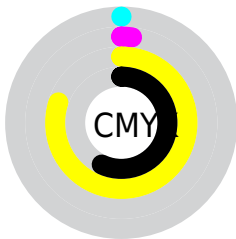
Blue (9%)



Red (9%)

Yellow (43%)

Blue (9%)

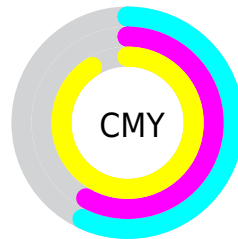


Cyan (0%)

Magenta (2%)

Yellow (80%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6B16 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 6D6B16 by changing the saturation by 10% instead.



 6D6B16

 6D6B16

FFFFFF

 535300

 A39E49

 3A3C00

 BFB963

 212600

 DCD57C

 001300

 F9F197

 000000

 FFFFB2

 FFFFCE

 FFFFEB

 6D6B16

 6D6B16

■ 6D6B0B

■ 6D6B21

■ 6D6A00

■ 6D6C2C

■ 6D6C37

■ 6D6C42

■ 6D6C4C

■ 6D6D57

■ 6D6D62

■ 6D6D6D

■ 6D6D78

# Harmonies

## Analogous

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



8E5E1C



6D6B16



43742D

# Triad

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



6D6B16



00789A



A14980

# Complementary

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



6D6B16



16186D

# 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.



7E57A0



6D6B16



0072B0

# Square

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



6D6B16



007A77



3C67B2



AD455A

# Rectangle

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



6D6B16



127743



3C67B2



984D8C



# Sweetspot

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



6D6B16



8F8E6D



6D1619



474733



C7C7C7



474747



# Same Dimension

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



6D6B16



8F8C06



446D16



363530



757300



F5EF00



# Inverse Universe

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



16186D



06098F



3F166D



303036



000375



0006F5



# Previews

## White Background



This preview shows how the Hex color 6D6B16 looks on a white background.

## Color Contrast Check

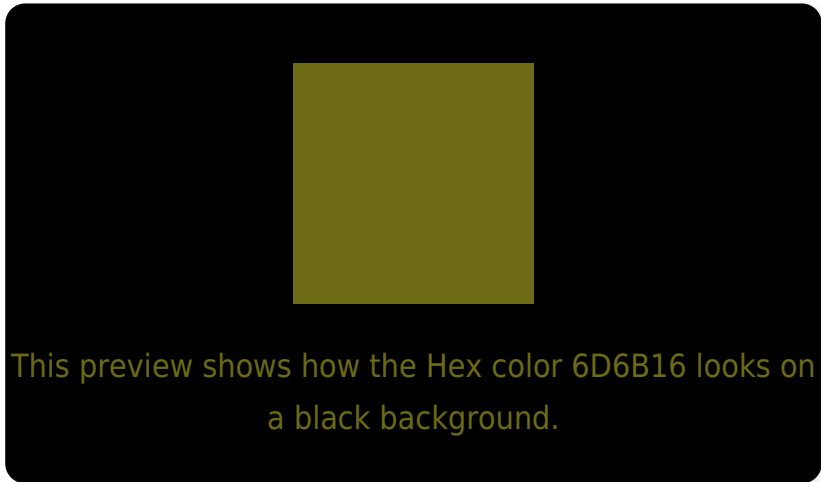
Large Text (above 18pt) WCAG AA ✓ Pass

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

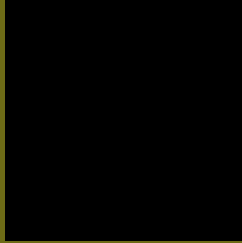
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D6B16 Background



This preview shows how black text looks on a background with the Hex color 6D6B16.



This preview shows how white text looks on a background with the Hex color 6D6B16.

# 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**  
6D6B16

**Protanopia**  
756815

**Deuteranopia**  
83631A



**Tritanopia**  
74646B

# Trichromacy



**Original Color**  
6D6B16

**Protanomaly**  
726915

**Deuteranomaly**  
7B6619

**Tritanomaly**  
71674C

# Monochromacy



**Original Color**  
6D6B16

**Achromatopsia**  
626262

**Achromatomaly**  
666546

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6B16 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 #6D6B16 looks like.

```
.text, #text, p{  
    color:#6D6B16  
}
```

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 #6D6B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6B16
}
```

## Border

The CSS property to change the border of an element to Hex 6D6B16 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
#6D6B16 }
```

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

```
.border{ border-color:#6D6B16 }
```

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

Here you see how a box with a 4 pixel #6D6B16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6B16; -webkit-box-shadow:4px 4px  
4px 4px #6D6B16; box-shadow:4px 4px 4px  
4px #6D6B16 }
```

# Background

The CSS property to change the background color of an element to Hex 6D6B16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6B16 }
```

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

```
.background{ background-color:#6D6B16 }
```

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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