

# Converting Colors

Hex(6D6736)

Have a look what the booklet for  
Hex(6D6736) contains.

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**Color**

**Hex(6D6736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D6736
RGB	109, 103, 54
RGB Percent	43%, 40%, 21%
CMY	0.5725, 0.5961, 0.7882
CMYK	0.00, 0.06, 0.50, 0.57
HSL	53°, 34%, 32%
HSV	53°, 50%, 43%
XYZ	11.8228, 13.2180, 5.4182
YIQ	99.2080, 19.3050, -13.9670

# Conversions

## Conversions Part 2

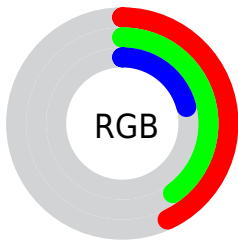
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 109, 54
Decimal	7169846
CIELab	43.09, -5.11, 28.32
CIELCh	43, 28.772, 100.223
Yxy	13.2180, 0.3882, 0.4340
Android (android.graphics.Color)	4285359926 (0xFF6D6736)
YUV	99.2080, -22.2875, 8.5876
Hunter-Lab	36.3566, -5.5779, 16.6136

# Details

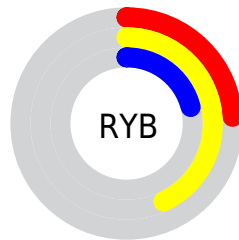
The Hex color **6D6736** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **363C6D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A29A66**, and **3C3808** is the 20% darker color. If you saturate the color by 10%, you get **6D662B**, and if you desaturate by 10%, it is **6D6841**.

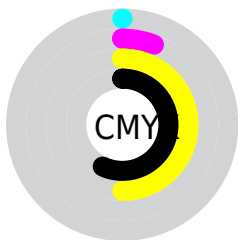
# Distribution



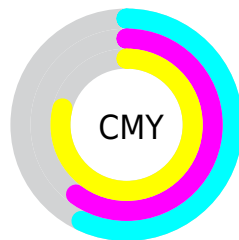
- Red (43%)
- Green (40%)
- Blue (21%)



- Red (24%)
- Yellow (43%)
- Blue (21%)



- Cyan (0%)
- Magenta (6%)
- Yellow (50%)
- Black (57%)



- Cyan (57%)
- Magenta (60%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6736 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 6D6736 by changing the saturation by 10% instead.



 6D6736

 6D6736

FFFFFF

 544F1F

 A29A66

 3C3808

 BDB57F

 252300

 D9D09A

 040E00

 F6ECB5

 000000

 FFFFD0

 FFFFED

 6D6736

 6D6736

 6D662B

 6D6841

 6D6520

 6D694C

 6D6315

 6D6B57

 6D620A

 6D6C62

 6D6100

 6D6D6D

 6D6E77

 6D6F82

 6D718D

 6D7298

# Harmonies

## Analogous

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



825F39



6D6736



536D40

# Triad

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



6D6736



007184



8A5576

# Complementary

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



6D6736



363C6D

# 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.



735D8A



6D6736



1F6D92

# Square

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



6D6736



00726D



4F6594



93535E

# Rectangle

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



6D6736



3F704D



4F6594



84577E



# Sweetspot

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



6D6736



8F8C79



6D363C



47463B



C7C7C7



474747



# Same Dimension

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



6D6736



8F8538



586D36



363530



756900



F5DA00



# Inverse Universe

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



363C6D



38418F



4B366D



303136



000D75



001BF5



# Previews

## White Background



This preview shows how the Hex color 6D6736 looks on a white background.

## Color Contrast Check

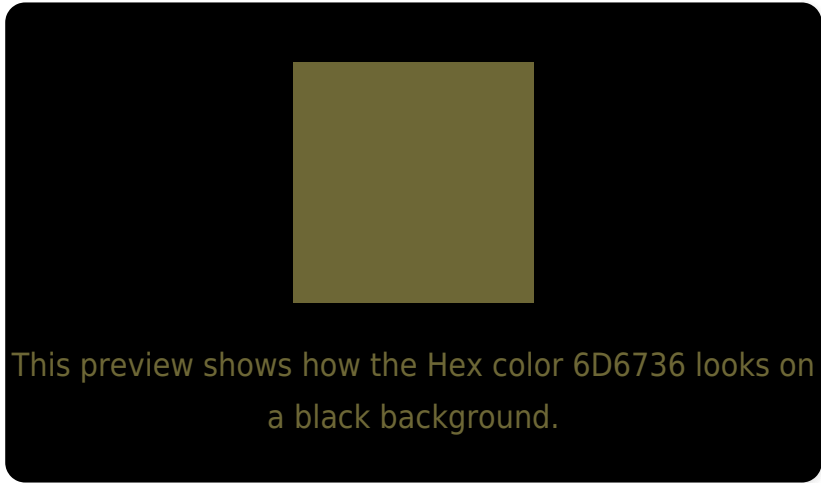
Large Text (above 18pt) WCAG AA ✓ Pass

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

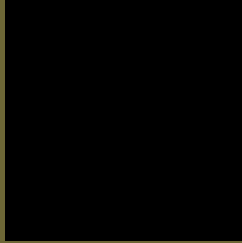
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D6736 Background



This preview shows how black text looks on a background with the Hex color 6D6736.



This preview shows how white text looks on a background with the Hex color 6D6736.

# 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**  
6D6736

**Protanopia**  
706636

**Deuteranopia**  
7D6137



**Tritanopia**  
726169

# Trichromacy



**Original Color**  
6D6736

**Protanomaly**  
6F6636

**Deuteranomaly**  
776337

**Tritanomaly**  
706356

# Monochromacy



**Original Color**  
6D6736

**Achromatopsia**  
636363

**Achromatomaly**  
676453

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6736 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 #6D6736 looks like.

```
.text, #text, p{  
    color:#6D6736  
}
```

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 #6D6736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6736
}
```

## Border

The CSS property to change the border of an element to Hex 6D6736 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
#6D6736 }
```

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

```
.border{ border-color:#6D6736 }
```

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

Here you see how a box with a 4 pixel #6D6736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6736; -webkit-box-shadow:4px 4px  
4px 4px #6D6736; box-shadow:4px 4px 4px  
4px #6D6736 }
```

# Background

The CSS property to change the background color of an element to Hex 6D6736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6736 }
```

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

```
.background{ background-color:#6D6736 }
```

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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