

# Converting Colors

Hex(6D6D68)

Have a look what the booklet for  
Hex(6D6D68) contains.

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# Color

**Hex(6D6D68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D6D68
RGB	109, 109, 104
RGB Percent	43%, 43%, 41%
CMY	0.5725, 0.5725, 0.5922
CMYK	0.00, 0.00, 0.05, 0.57
HSL	60°, 2%, 42%
HSV	60°, 5%, 43%
XYZ	14.2740, 15.1880, 15.2760
YIQ	108.4300, 1.6050, -1.5550

# Conversions

## Conversions Part 2

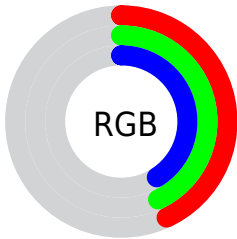
Format	Color
<a href="#">RYB</a>	<a href="#">104, 109, 104</a>
Decimal	<a href="#">7171432</a>
CIELab	<a href="#">45.89, -1.00, 2.78</a>
CIElCh	<a href="#">46, 2.959, 109.750</a>
Yxy	<a href="#">15.1880, 0.3191, 0.3395</a>
Android (android.graphics.Color)	<a href="#">4285361512 (0xFF6D6D68)</a>
YUV	<a href="#">108.4300, -2.1840, 0.4999</a>
Hunter-Lab	<a href="#">38.9717, -2.8221, 4.0400</a>

# Details

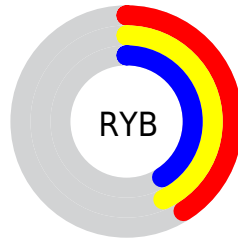
The Hex color **6D6D68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68686D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A0A09B**, and **3E3E39** is the 20% darker color. If you saturate the color by 10%, you get **6D6D5D**, and if you desaturate by 10%, it is **6D6D73**.

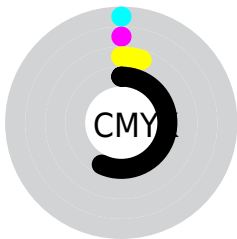
# Distribution



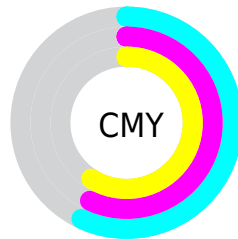
- Red (43%)
- Green (43%)
- Blue (41%)



- Red (41%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (57%)



- Cyan (57%)
- Magenta (57%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6D68 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 6D6D68 by changing the saturation by 10% instead.





6D6D68



6D6D68

FFFFFF



555550



A0A09B



3E3E39



BBBBB6



282824



D7D7D1



13130E



F4F4EE



000000



6D6D68



6D6D68



6D6D5D



6D6D73



6D6D52



6D6D7E



6D6D47



6D6D89

 6D6D3C

 6D6D94

 6D6D32

 6D6D9F

 6D6D27

 6D6DA9

 6D6D1C

 6D6DB4

 6D6D11

 6D6DBF

 6D6D06

 6D6DCA

# Harmonies

## Analogous

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



706C68



6D6D68



6A6E69

# Triad

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



6D6D68



676E70



716B6E

# Complementary

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



6D6D68



68686D

# 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.



6F6C70



6D6D68



696D71

# Square

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



6D6D68



676E6E



6C6C71



726B6B

# Rectangle

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



6D6D68



686E6B



6C6C71



716B6E



# Sweetspot

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



6D6D68



8F8F8D



6D6868



474747



C7C7C7

# Same Dimension

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



6D6D68



8F8F86



6B6D68



363632



757500



F5F500



# Inverse Universe

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



68686D



86868F



6B686D



323236



000075



0000F5



# Previews

## White Background



This preview shows how the Hex color 6D6D68 looks on a white background.

## Color Contrast Check

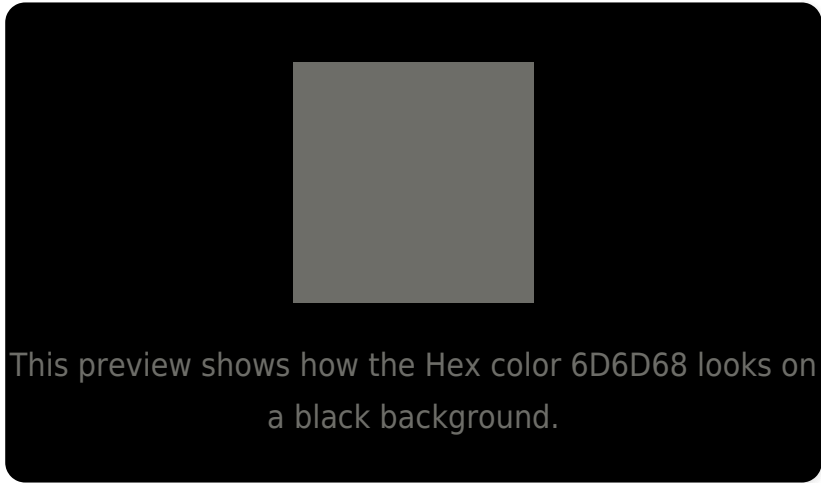
Large Text (above 18pt) WCAG AA ✓ Pass

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

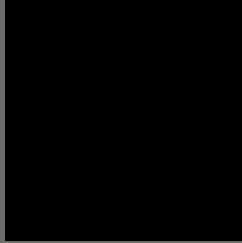
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

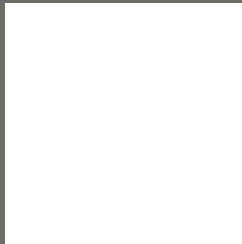
Any Text WCAG AAA × Fail

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

## Hex 6D6D68 Background



This preview shows how black text looks on a background with the Hex color 6D6D68.



This preview shows how white text looks on a background with the Hex color 6D6D68.



# 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**

6D6D68

**Protanopia**

706C68

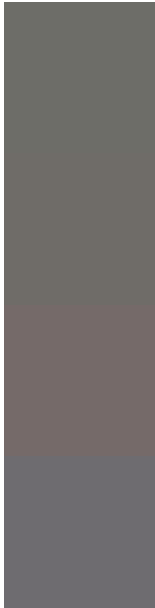
**Deuteranopia**

796969



**Tritanopia**  
6F6B74

# Trichromacy



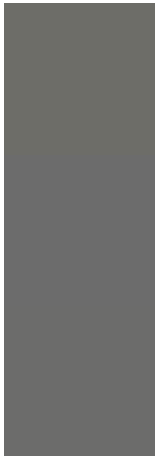
**Original Color**  
6D6D68

**Protanomaly**  
6F6C68

**Deuteranomaly**  
756A69

**Tritanomaly**  
6E6C70

# Monochromacy



**Original Color**  
6D6D68

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6C6C6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6D68 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 #6D6D68 looks like.

```
.text, #text, p{  
    color:#6D6D68  
}
```

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 #6D6D68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6D68
}
```

## Border

The CSS property to change the border of an element to Hex 6D6D68 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
#6D6D68 }
```

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

```
.border{ border-color:#6D6D68 }
```

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

Here you see how a box with a 4 pixel #6D6D68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6D68; -webkit-box-shadow:4px 4px  
4px 4px #6D6D68; box-shadow:4px 4px 4px  
4px #6D6D68 }
```

# Background

The CSS property to change the background color of an element to Hex 6D6D68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6D68 }
```

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

```
.background{ background-color:#6D6D68 }
```

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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