

# Converting Colors

Hex(6B6B6B)

Have a look what the booklet for  
Hex(6B6B6B) contains.

<b>Hex(6B6B6B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	15
<i><b>Color Blindness Simulation</b></i> .....	18
<i><b>CSS Examples</b></i> .....	21

# Color

**Hex(6B6B6B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B6B6B
RGB	107, 107, 107
RGB Percent	42%, 42%, 42%
CMY	0.5804, 0.5804, 0.5804
CMYK	0.00, 0.00, 0.00, 0.58
HSL	0°, 0%, 42%
HSV	0°, 0%, 42%
XYZ	13.9749, 14.7027, 16.0113
YIQ	107.0000, -0.0000, 0.0000

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 107, 107
Decimal	7039851
CIELab	45.22, 0.00, -0.01
CIELCh	45, 0.006, 296.813
Yxy	14.7027, 0.3127, 0.3290
Android (android.graphics.Color)	4285229931 (0xFF6B6B6B)
YUV	107.0000, 0.0000, 0.0000
Hunter-Lab	38.3441, -2.0459, 2.0833

# Details

The Hex color **6B6B6B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6B6B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9E9E9E**, and **3C3C3C** is the 20% darker color. If you saturate the color by 10%, you get **6B6060**, and if you desaturate by 10%, it is **6B7676**.

# Distribution



Red (42%)

Green (42%)

Blue (42%)



Red (42%)

Yellow (42%)

Blue (42%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6B6B 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 6B6B6B by changing the saturation by 10% instead.





6B6B6B



6B6B6B

FFFFFF



535353



9E9E9E



3C3C3C



B9B9B9



262626



D5D5D5



111111



F1F1F1



000000



6B6B6B



6B6B6B



6B6060



6B7676



6B5656



6B8080



6B4B4B



6B8B8B

 6B4040

 6B9696

 6B3636

 6BA1A1

 6B2B2B

 6BABAB

 6B2020

 6BB6B6

 6B1515

 6BC1C1

 6B0B0B

 6BCBCB

# Harmonies

# Sweetspot

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



6B6B6B



8C8C8C



474747



C7C7C7

# Same Dimension

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



6B6B6B



8C8C8C



363636



750000



F50000

# Inverse Universe

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



6B6B6B



8C8C8C



363636



007575



00F5F5

# Previews

## White Background



This preview shows how the Hex color 6B6B6B looks on a white background.

## Color Contrast Check

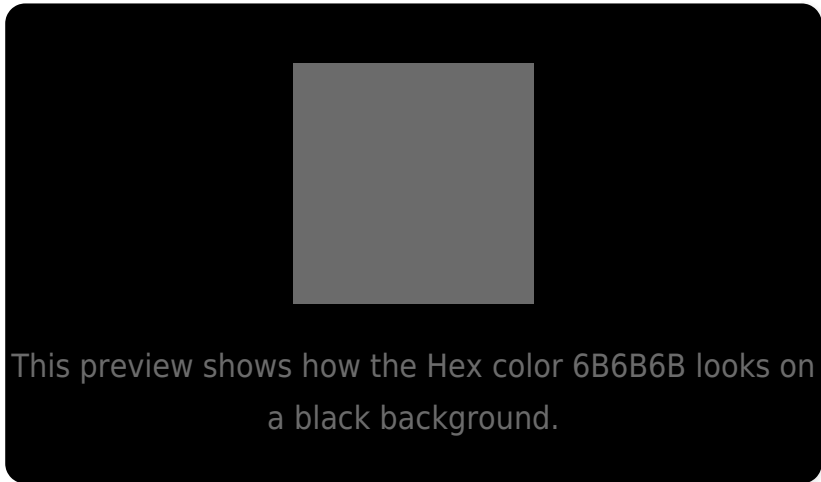
Large Text (above 18pt) WCAG AA ✓ Pass

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

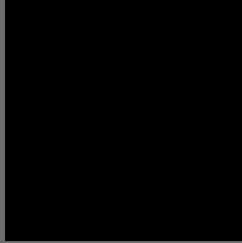
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

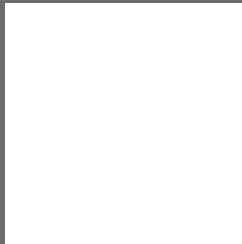
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B6B6B Background



This preview shows how black text looks on a background with the Hex color 6B6B6B.



This preview shows how white text looks on a background with the Hex color 6B6B6B.

# 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**  
6B6B6B

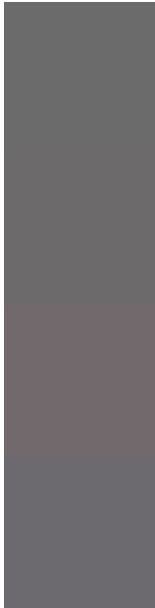
**Protanopia**  
6D6A6B

**Deuteranopia**  
75686C



**Tritanopia**  
6C6A72

# Trichromacy



**Original Color**

6B6B6B

**Protanomaly**

6C6A6B

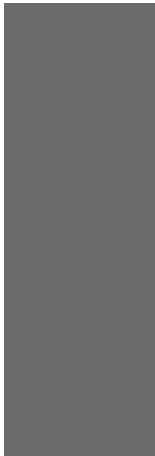
**Deuteranomaly**

71696C

**Tritanomaly**

6C6A6F

# Monochromacy



**Original Color**

6B6B6B

**Achromatopsia**

6B6B6B

**Achromatomaly**

6B6B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6B6B 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 #6B6B6B looks like.

```
.text, #text, p{  
    color:#6B6B6B  
}
```

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 #6B6B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6B6B
}
```

## Border

The CSS property to change the border of an element to Hex 6B6B6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

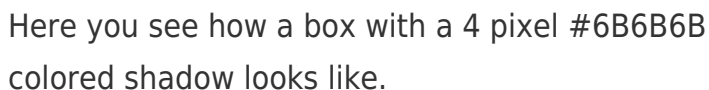
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B6B6B }
```

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

```
.border{ border-color:#6B6B6B }
```

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



Here you see how a box with a 4 pixel #6B6B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6B6B; -webkit-box-shadow:4px 4px  
4px 4px #6B6B6B; box-shadow:4px 4px 4px  
4px #6B6B6B }
```

# Background

The CSS property to change the background color of an element to Hex 6B6B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6B6B }
```

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

```
.background{ background-color:#6B6B6B }
```

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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