

# Converting Colors

Hex(6B6869)

Have a look what the booklet for  
Hex(6B6869) contains.

<b>Hex(6B6869)</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> .....	22
<i><b>Color Blindness Simulation</b></i> .....	25
<i><b>CSS Examples</b></i> .....	28

# Color

Hex(6B6869)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B6869
RGB	107, 104, 105
RGB Percent	42%, 41%, 41%
CMY	0.5804, 0.5922, 0.5882
CMYK	0.00, 0.03, 0.02, 0.58
HSL	340°, 1%, 41%
HSV	340°, 3%, 42%
XYZ	13.5635, 14.0463, 15.3609
YIQ	105.0110, 1.4670, 0.9470

# Conversions

## Conversions Part 2

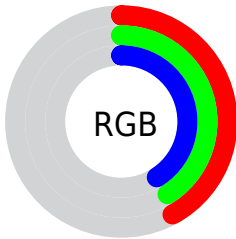
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 104, 105
Decimal	7039081
CIE Lab	44.30, 1.37, -0.15
CIE LCh	44, 1.383, 353.718
Yxy	14.0463, 0.3156, 0.3269
Android (android.graphics.Color)	4285229161 (0xFF6B6869)
YUV	105.0110, -0.0054, 1.7444
Hunter-Lab	37.4785, -0.9878, 1.9343

# Details

The Hex color **6B6869** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686B6A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9E9B9C**, and **3C393A** is the 20% darker color. If you saturate the color by 10%, you get **6B5D62**, and if you desaturate by 10%, it is **6B7370**.

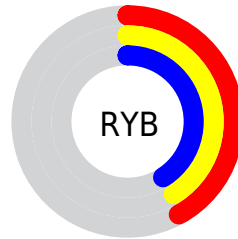
# Distribution



Red (42%)

Green (41%)

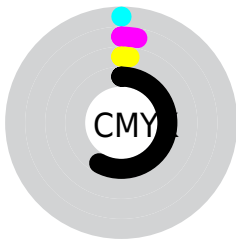
Blue (41%)



Red (42%)

Yellow (41%)

Blue (41%)

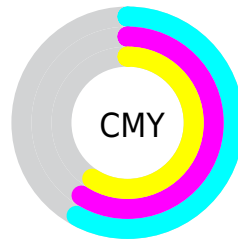


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B6869 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 6B6869 by changing the saturation by 10% instead.





6B6869



6B6869

FFFFFF



535051



9E9B9C



3C393A



B9B6B7



262424



D5D1D3



110E0F



F1EEEF



000000



6B6869



6B6869



6B5D62



6B7370



6B535B



6B7D77



6B4854



6B887E

6B3D4C

6B9386

6B3345

6B9E8D

6B283E

6BA894

6B1D37

6BB39B

6B1230

6BBEA2

6B0829

6BC8A9

# Harmonies

## Analogous

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



6A686A



6B6869



6B6868

# Triad

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



6B6869



696967



66696B

# Complementary

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



6B6869



686B6A

# 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.



66696A



6B6869



676967

# Square

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



6B6869



6A6966



666968



67696B

# Rectangle

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



6B6869



6B6867



666968



66696A



# Sweetspot

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



6B6869



8C8B8B



6A686B



474747



C7C7C7

# Same Dimension

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



6B6869



8C8889



6B6968



363334



750027



F50052



# Inverse Universe

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



6B6869



8C8889



686A6B



363334



750027



F50052



# Previews

## White Background



This preview shows how the Hex color 6B6869 looks on a white background.

## Color Contrast Check

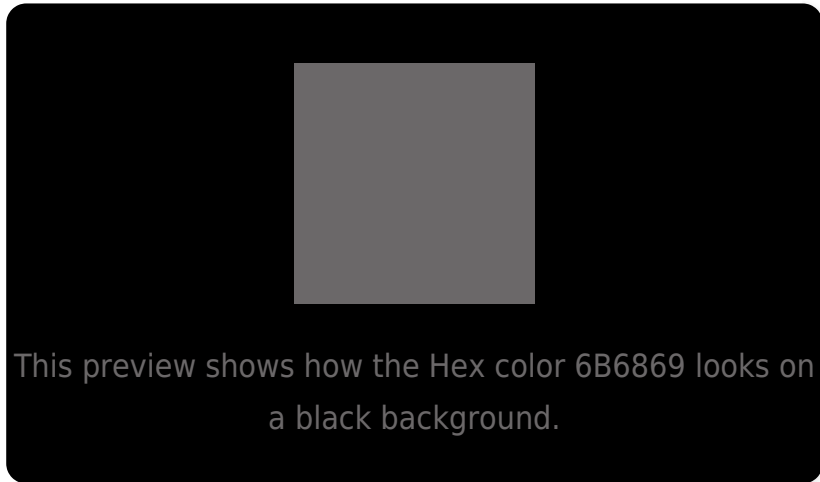
Large Text (above 18pt) WCAG AA ✓ Pass

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

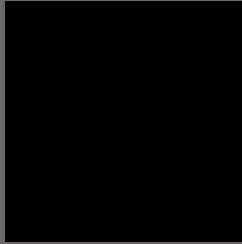
Any Text WCAG AA × Fail

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 6B6869 Background



This preview shows how black text looks on a background with the Hex color 6B6869.



This preview shows how white text looks on a background with the Hex color 6B6869.



# 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**  
6B6869

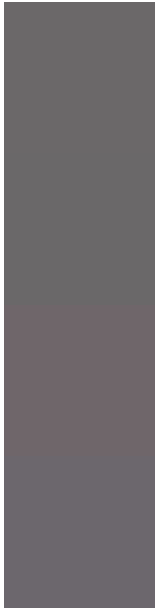
**Protanopia**  
6A6869

**Deuteranopia**  
72656A



**Tritanopia**  
6C676F

# Trichromacy



**Original Color**

6B6869

**Protanomaly**

6A6869

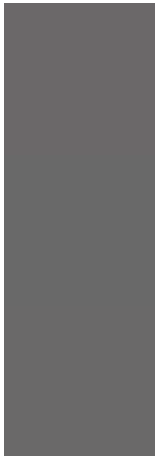
**Deuteranomaly**

6F666A

**Tritanomaly**

6C676D

# Monochromacy



**Original Color**

6B6869

**Achromatopsia**

696969

**Achromatomaly**

6A6969

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B6869 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 #6B6869 looks like.

```
.text, #text, p{  
    color:#6B6869  
}
```

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 #6B6869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6869
}
```

## Border

The CSS property to change the border of an element to Hex 6B6869 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
#6B6869 }
```

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

```
.border{ border-color:#6B6869 }
```

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

Here you see how a box with a 4 pixel #6B6869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6869; -webkit-box-shadow:4px 4px  
4px 4px #6B6869; box-shadow:4px 4px 4px  
4px #6B6869 }
```

# Background

The CSS property to change the background color of an element to Hex 6B6869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6869 }
```

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

```
.background{ background-color:#6B6869 }
```

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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