

Converting Colors

Hex(6B6767)

Have a look what the booklet for
Hex(6B6767) contains.

Hex(6B6767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

Hex(6B6767)

Conversions

Conversions Part 1

Format	Color
Hex	6B6767
RGB	107, 103, 103
RGB Percent	42%, 40%, 40%
CMY	0.5804, 0.5961, 0.5961
CMYK	0.00, 0.04, 0.04, 0.58
HSL	0°, 2%, 41%
HSV	0°, 4%, 42%
XYZ	13.3618, 13.8056, 14.7925
YIQ	104.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

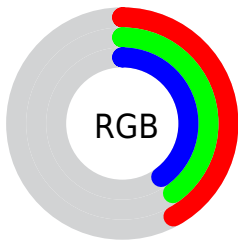
Format	Color
R_{YB}	107, 103, 103
Decimal	7038823
CIE _{Lab}	43.95, 1.57, 0.55
CIE _{LCh}	44, 1.661, 19.407
Yxy	13.8056, 0.3184, 0.3290
Android (android.graphics.Color)	4285228903 (0xFF6B6767)
YUV	104.1960, -0.5896, 2.4591
Hunter-Lab	37.1558, -0.8313, 2.4046

Details


The Hex color **6B6767** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676B6B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9E9A9A**, and **3C3838** is the 20% darker color. If you saturate the color by 10%, you get **6B5C5C**, and if you desaturate by 10%, it is **6B7272**.

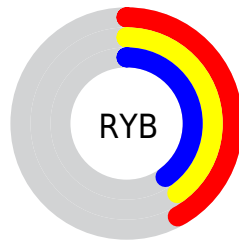
Distribution



 Red (42%)

 Green (40%)

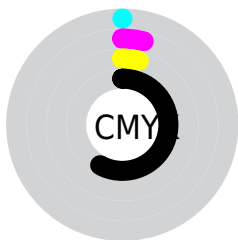
 Blue (40%)



 Red (42%)

 Yellow (40%)

 Blue (40%)

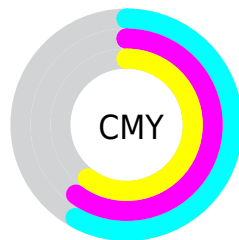


 Cyan (0%)

 Magenta (4%)

 Yellow (4%)

 Black (58%)



 Cyan (58%)

 Magenta (60%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B6767 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 6B6767 by changing the saturation by 10% instead.



6B6767



6B6767

FFFFFF



534F4F



9E9A9A



3C3838



B9B5B5



262323



D5D0D0



110D0D



F1EDED



000000



6B6767



6B6767



6B5C5C



6B7272



6B5252



6B7C7C



6B4747



6B8787

 6B3C3C

 6B9292

 6B3232

 6B9D9D

 6B2727

 6BA7A7

 6B1C1C

 6BB2B2

 6B1111

 6BBDBD

 6B0707

 6BC7C7

Harmonies

Analogous

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



6A6768



6B6767



6B6766

Triad

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



6B6767



666866



66686B

Complementary

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



6B6767



676B6B

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.



65696A



6B6767



656967

Square

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



6B6767



686865



656969



68686A

Rectangle

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



6B6767



6A6765



656969



66686A

Sweetspot

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



6B6767



8C8B8B



6B676B



474747



C7C7C7

Same Dimension

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



6B6767



8C8787



6B6967



363333



750000



F50000

Inverse Universe

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



676B6B



878C8C



67696B



333636



007575



00F5F5

Previews

White Background



This preview shows how the Hex color 6B6767 looks on a white background.

Color Contrast Check

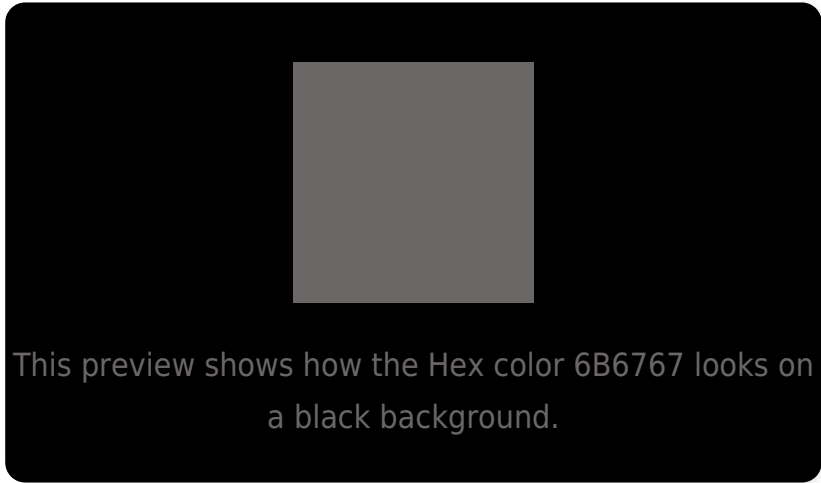
Large Text (above 18pt) WCAG AA ✓ Pass

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

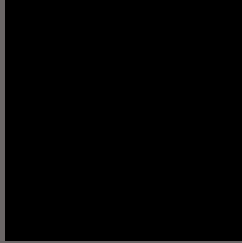
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

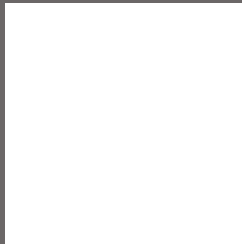
Any Text WCAG AAA × Fail

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

Hex 6B6767 Background



This preview shows how black text looks on a background with the Hex color 6B6767.



This preview shows how white text looks on a background with the Hex color 6B6767.

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
6B6767

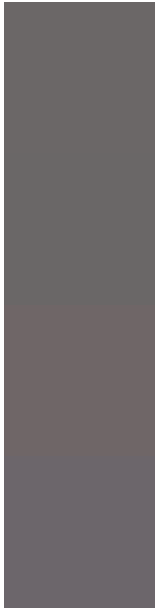
Protanopia
6A6767

Deuteranopia
726567



Tritanopia
6C666E

Trichromacy



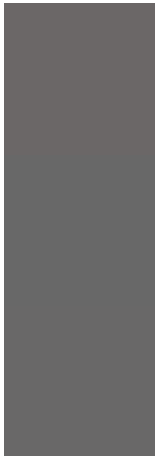
Original Color
6B6767

Protanomaly
6A6767

Deuteranomaly
6F6667

Tritanomaly
6C666B

Monochromacy



Original Color
6B6767

Achromatopsia
686868

Achromatomaly
696868

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B6767 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 #6B6767 looks like.

```
.text, #text, p{  
    color:#6B6767  
}
```

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 #6B6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B6767
}
```

Border

The CSS property to change the border of an element to Hex 6B6767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

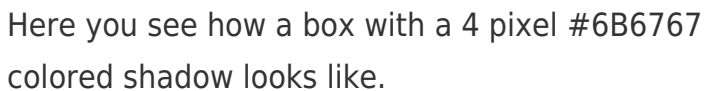
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B6767 }
```

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

```
.border{ border-color:#6B6767 }
```

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



Here you see how a box with a 4 pixel #6B6767 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B6767; -webkit-box-shadow:4px 4px  
4px 4px #6B6767; box-shadow:4px 4px 4px  
4px #6B6767 }
```

Background

The CSS property to change the background color of an element to Hex 6B6767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B6767 }
```

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

```
.background{ background-color:#6B6767 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor