

# Converting Colors

Hex(6A6060)

Have a look what the booklet for  
Hex(6A6060) contains.

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# Color

**Hex(6A6060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6060
RGB	106, 96, 96
RGB Percent	42%, 38%, 38%
CMY	0.5843, 0.6235, 0.6235
CMYK	0.00, 0.09, 0.09, 0.58
HSL	0°, 5%, 40%
HSV	0°, 9%, 42%
XYZ	12.2380, 12.2744, 12.7905
YIQ	98.9900, 5.9600, 2.1200

# Conversions

## Conversions Part 2

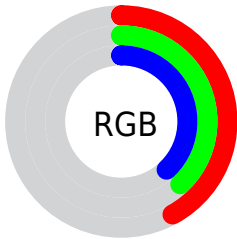
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 96, 96
Decimal	6971488
CIE <sub>Lab</sub>	41.65, 3.99, 1.44
CIE <sub>LCh</sub>	42, 4.247, 19.886
Yxy	12.2744, 0.3281, 0.3290
Android (android.graphics.Color)	4285161568 (0xFF6A6060)
YUV	98.9900, -1.4741, 6.1478
Hunter-Lab	35.0349, 1.0408, 2.8789

# Details

The Hex color **6A6060** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **606A6A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9D9292**, and **3B3232** is the 20% darker color. If you saturate the color by 10%, you get **6A5555**, and if you desaturate by 10%, it is **6A6B6B**.

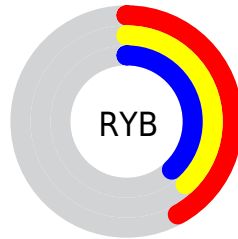
# Distribution



Red (42%)

Green (38%)

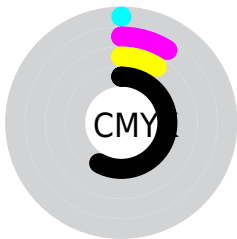
Blue (38%)



Red (42%)

Yellow (38%)

Blue (38%)

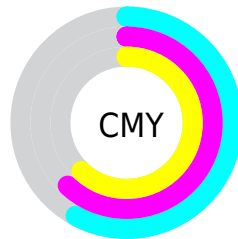


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (58%)



Cyan (58%)

Magenta (62%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6060 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 6A6060 by changing the saturation by 10% instead.





6A6060



6A6060

FFFFFF



524848



9D9292



3B3232



B8ADAD



251D1D



D4C8C8



110303



F0E4E4



000000



6A6060



6A6060



6A5555



6A6B6B



6A4B4B



6A7575



6A4040



6A8080

■ 6A3636

■ 6A8A8A

■ 6A2B2B

■ 6A9595

■ 6A2020

■ 6AA0A0

■ 6A1616

■ 6AAAAA

■ 6A0B0B

■ 6AB5B5

■ 6A0101

■ 6ABFBF

# Harmonies

## Analogous

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



696064



6A6060



69615D

# Triad

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



6A6060



5F645E



5D6369

# Complementary

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



6A6060



606A6A

# 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.



5B6467



6A6060



5B6461

# Square

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



6A6060



63635C



5A6464



626269

# Rectangle

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



6A6060



68615C



5A6464



5C6369



# Sweetspot

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



6A6060



8A8686



6A606A



454242



C4C4C4



454545



# Same Dimension

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



6A6060



8A7B7B



6A6560



363030



750000



F50000



# Inverse Universe

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



606A6A



7B8A8A



60656A



303636



007575



00F5F5



# Previews

## White Background



This preview shows how the Hex color 6A6060 looks on a white background.

## Color Contrast Check

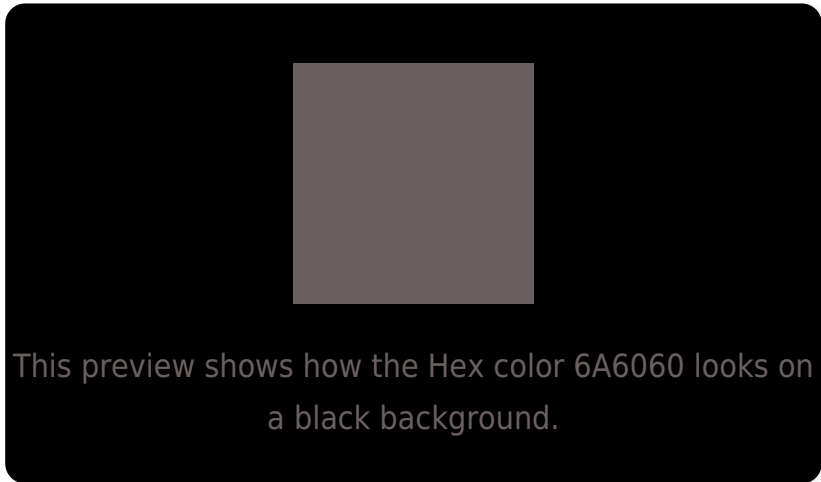
Large Text (above 18pt) WCAG AA ✓ Pass

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

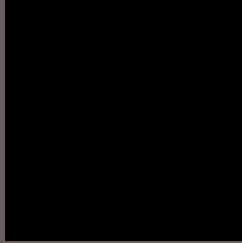
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6060 Background



This preview shows how black text looks on a background with the Hex color 6A6060.



This preview shows how white text looks on a background with the Hex color 6A6060.

# 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**

6A6060

**Protanopia**

646261

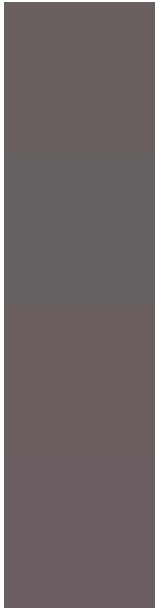
**Deuteranopia**

6D5F60



**Tritanopia**  
6B5F66

# Trichromacy



**Original Color**

6A6060

**Protanomaly**

666161

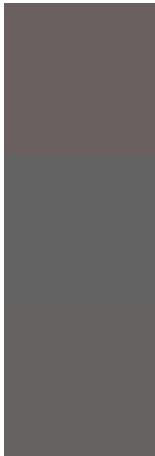
**Deuteranomaly**

6C5F60

**Tritanomaly**

6B5F64

# Monochromacy



**Original Color**

6A6060

**Achromatopsia**

636363

**Achromatomaly**

666262

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6060 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 #6A6060 looks like.

```
.text, #text, p{  
    color:#6A6060  
}
```

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 #6A6060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6060
}
```

## Border

The CSS property to change the border of an element to Hex 6A6060 is called "border". The border property can be set on classes, ids or directly on the HTML element.

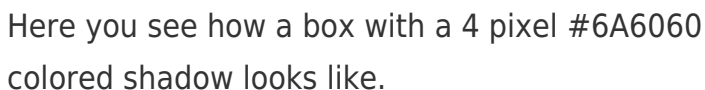
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6060 }
```

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

```
.border{ border-color:#6A6060 }
```

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



Here you see how a box with a 4 pixel #6A6060 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6060; -webkit-box-shadow:4px 4px  
4px 4px #6A6060; box-shadow:4px 4px 4px  
4px #6A6060 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6060 }
```

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

```
.background{ background-color:#6A6060 }
```

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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