

# Converting Colors

Hex(6A6162)

Have a look what the booklet for  
Hex(6A6162) contains.

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# Color

**Hex(6A6162)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6162
RGB	106, 97, 98
RGB Percent	42%, 38%, 38%
CMY	0.5843, 0.6196, 0.6157
CMYK	0.00, 0.08, 0.08, 0.58
HSL	353°, 4%, 40%
HSV	353°, 8%, 42%
XYZ	12.4232, 12.4954, 13.3124
YIQ	99.8050, 5.0430, 2.2190

# Conversions

## Conversions Part 2

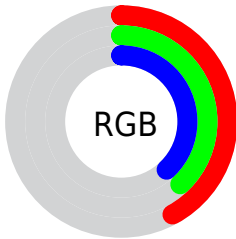
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	106, 97, 98
Decimal	6971746
CIE Lab	41.99, 3.78, 0.72
CIE LCh	42, 3.846, 10.834
Yxy	12.4954, 0.3250, 0.3268
Android (android.graphics.Color)	4285161826 (0xFF6A6162)
YUV	99.8050, -0.8899, 5.4330
Hunter-Lab	35.3488, 0.8724, 2.4156

# Details

The Hex color **6A6162** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **616A69**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9D9495**, and **3B3334** is the 20% darker color. If you saturate the color by 10%, you get **6A5659**, and if you desaturate by 10%, it is **6A6C6B**.

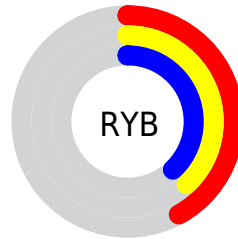
# Distribution



Red (42%)

Green (38%)

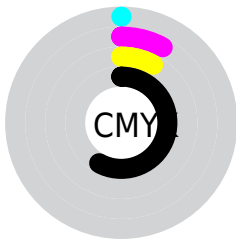
Blue (38%)



Red (42%)

Yellow (38%)

Blue (38%)

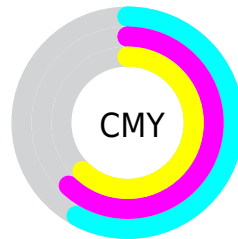


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (58%)



Cyan (58%)

Magenta (62%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6162 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 6A6162 by changing the saturation by 10% instead.





6A6162



6A6162

FFFFFF



52494A



9D9495



3B3334



B8AEAF



251E1F



D4CACB



110406



F0E6E7



000000



6A6162



6A6162



6A5659



6A6C6B



6A4C4F



6A7675



6A4146



6A817E

 6A373C

 6A8B88

 6A2C33

 6A9691

 6A2129

 6AA19B

 6A1720

 6AABA4

 6A0C17

 6AB6AD

 6A020D

 6AC0B7

# Harmonies

## Analogous

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



686165



6A6162



6A615F

# Triad

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



6A6162



61645E



5E6469

# Complementary

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



6A6162



616A69

# 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.



5C6567



6A6162



5E6561

# Square

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



6A6162



65635D



5C6564



616369

# Rectangle

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



6A6162



69625E



5C6564



5D6468



# Sweetspot

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



6A6162



8A8686



69616A



454242



C4C4C4



454545



# Same Dimension

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



6A6162



8A7C7D



6A6461



363031



75000D



F5001B



# Inverse Universe

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



6A6162



8A7C7D



61676A



363031



75000D



F5001B



# Previews

## White Background



This preview shows how the Hex color 6A6162 looks on a white background.

## Color Contrast Check

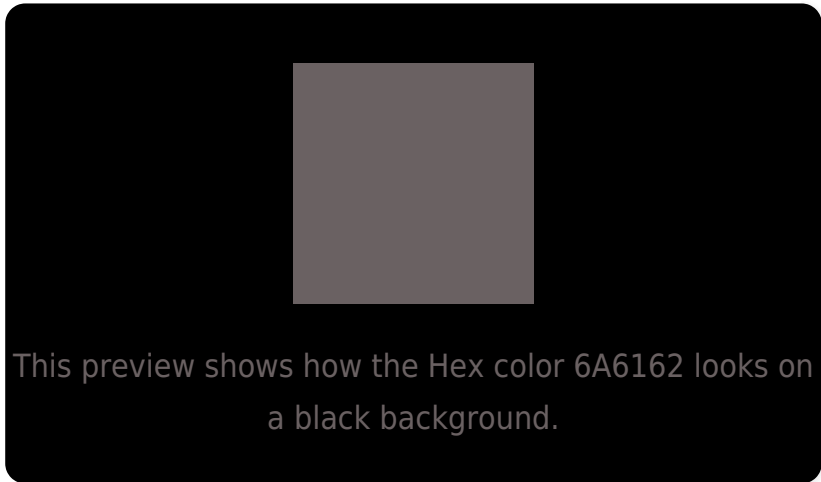
Large Text (above 18pt) WCAG AA ✓ Pass

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

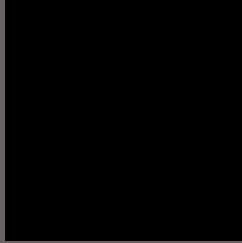
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6162 Background



This preview shows how black text looks on a background with the Hex color 6A6162.

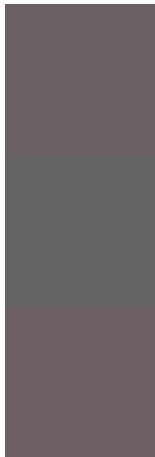


This preview shows how white text looks on a background with the Hex color 6A6162.

# 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**  
6A6162

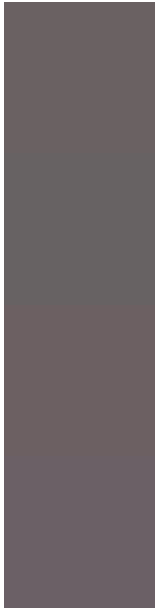
**Protanopia**  
656363

**Deuteranopia**  
6D6062



**Tritanopia**  
6B6068

# Trichromacy



**Original Color**

6A6162

**Protanomaly**

676263

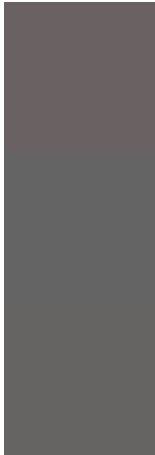
**Deuteranomaly**

6C6062

**Tritanomaly**

6B6066

# Monochromacy



**Original Color**

6A6162

**Achromatopsia**

646464

**Achromatomaly**

666363

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6162 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 #6A6162 looks like.

```
.text, #text, p{  
    color:#6A6162  
}
```

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 #6A6162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6162
}
```

## Border

The CSS property to change the border of an element to Hex 6A6162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

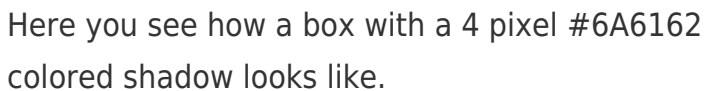
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6162 }
```

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

```
.border{ border-color:#6A6162 }
```

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



Here you see how a box with a 4 pixel #6A6162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6162; -webkit-box-shadow:4px 4px  
4px 4px #6A6162; box-shadow:4px 4px 4px  
4px #6A6162 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6162 }
```

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

```
.background{ background-color:#6A6162 }
```

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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