

# Converting Colors

Hex(6A6167)

Have a look what the booklet for  
Hex(6A6167) contains.

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# Color

**Hex(6A6167)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6167
RGB	106, 97, 103
RGB Percent	42%, 38%, 40%
CMY	0.5843, 0.6196, 0.5961
CMYK	0.00, 0.08, 0.03, 0.58
HSL	320°, 4%, 40%
HSV	320°, 8%, 42%
XYZ	12.6667, 12.5928, 14.5950
YIQ	100.3750, 3.4380, 3.7740

# Conversions

## Conversions Part 2

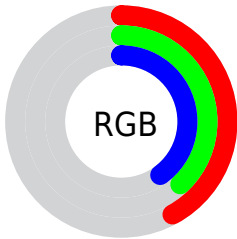
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 97, 103
Decimal	6971751
CIE <sub>Lab</sub>	42.14, 4.78, -2.11
CIE <sub>LCh</sub>	42, 5.222, 336.185
Yxy	12.5928, 0.3178, 0.3160
Android (android.graphics.Color)	4285161831 (0xFF6A6167)
YUV	100.3750, 1.2941, 4.9331
Hunter-Lab	35.4864, 1.6138, 0.4554

# Details

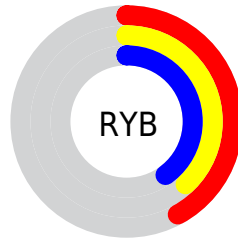
The Hex color **6A6167** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **616A64**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9D949A**, and **3B3338** is the 20% darker color. If you saturate the color by 10%, you get **6A5663**, and if you desaturate by 10%, it is **6A6C6B**.

# Distribution



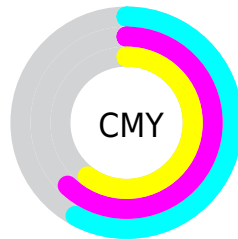
- Red (42%)
- Green (38%)
- Blue (40%)



- Red (42%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (58%)



- Cyan (58%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6167 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 6A6167 by changing the saturation by 10% instead.





6A6167



6A6167

FFFFFF



52494F



9D949A



3B3338



B8AEB5



251E23



D4CAD0



11040D



F0E6ED



000000



6A6167



6A6167



6A5663



6A6C6B



6A4C60



6A766E



6A415C



6A8172

6A3759

6A8B75

6A2C55

6A9679

6A2152

6AA17C

6A174E

6AAB80

6A0C4B

6AB683

6A0247

6AC087

# Harmonies

## Analogous

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



65626A



6A6167



6D6163

# Triad

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



6A6167



66635B



596668

# Complementary

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



6A6167



616A64

# 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.



5A6664



6A6167



61655C

# Square

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



6A6167



6A625C



5D6660



5C656B

# Rectangle

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



6A6167



6D6160



5D6660



596667



# Sweetspot

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



6A6167



8A8688



64616A



454244



C4C4C4



454545



# Same Dimension

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



6A6167



8A7C85



6A6163



363034



75004E



F500A3



# Inverse Universe

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



6A6167



8A7C85



616A69



363034



75004E



F500A3



# Previews

## White Background



This preview shows how the Hex color 6A6167 looks on a white background.

## Color Contrast Check

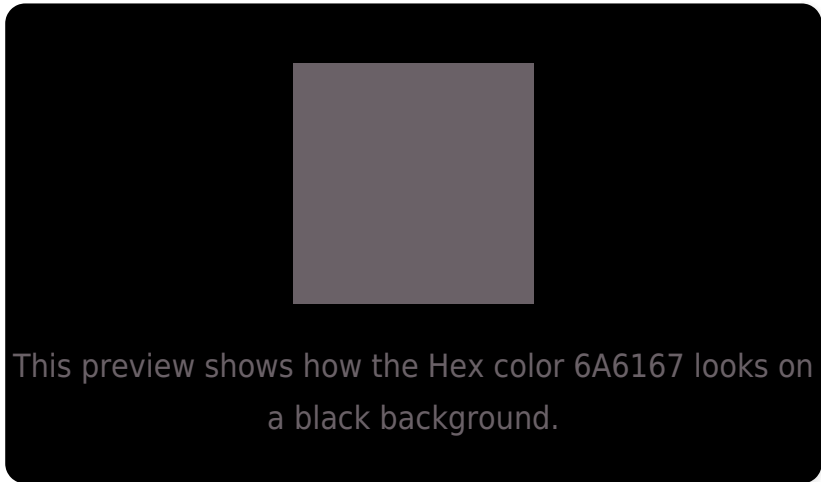
Large Text (above 18pt) WCAG AA ✓ Pass

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

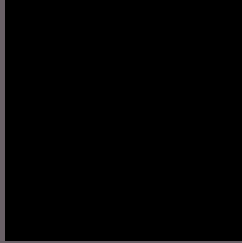
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6167 Background



This preview shows how black text looks on a background with the Hex color 6A6167.



This preview shows how white text looks on a background with the Hex color 6A6167.

# 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](#).

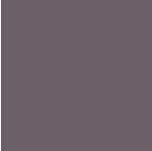
## Dichromacy



**Original Color**  
6A6167

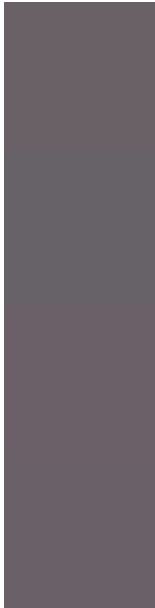
**Protanopia**  
646368

**Deuteranopia**  
6B6067



**Tritanopia**  
6A6168

# Trichromacy



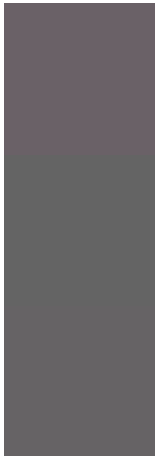
**Original Color**  
6A6167

**Protanomaly**  
666268

**Deuteranomaly**  
6B6067

**Tritanomaly**  
6A6168

# Monochromacy



**Original Color**  
6A6167

**Achromatopsia**  
646464

**Achromatomaly**  
666365

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6167 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 #6A6167 looks like.

```
.text, #text, p{  
    color:#6A6167  
}
```

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 #6A6167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6167
}
```

## Border

The CSS property to change the border of an element to Hex 6A6167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

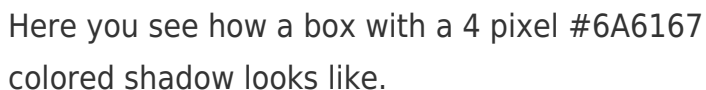
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6167 }
```

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

```
.border{ border-color:#6A6167 }
```

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



Here you see how a box with a 4 pixel #6A6167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6167; -webkit-box-shadow:4px 4px  
4px 4px #6A6167; box-shadow:4px 4px 4px  
4px #6A6167 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6167 }
```

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

```
.background{ background-color:#6A6167 }
```

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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