

# Converting Colors

Hex(6D6166)

Have a look what the booklet for  
Hex(6D6166) contains.

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# Color

**Hex(6D6166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D6166
RGB	109, 97, 102
RGB Percent	43%, 38%, 40%
CMY	0.5725, 0.6196, 0.6000
CMYK	0.00, 0.11, 0.06, 0.57
HSL	335°, 6%, 40%
HSV	335°, 11%, 43%
XYZ	12.9796, 12.7599, 14.3492
YIQ	101.1580, 5.5470, 4.0990

# Conversions

## Conversions Part 2

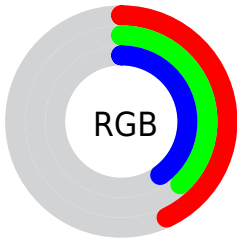
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 97, 102
Decimal	7168358
CIE Lab	42.40, 5.76, -1.09
CIE LCh	42, 5.862, 349.291
Yxy	12.7599, 0.3238, 0.3183
Android (android.graphics.Color)	4285358438 (0xFF6D6166)
YUV	101.1580, 0.4151, 6.8774
Hunter-Lab	35.7210, 2.3483, 1.1878

# Details

The Hex color **6D6166** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **616D68**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A19499**, and **3D3337** is the 20% darker color. If you saturate the color by 10%, you get **6D5660**, and if you desaturate by 10%, it is **6D6C6C**.

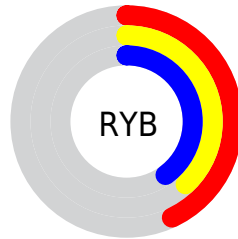
# Distribution



Red (43%)

Green (38%)

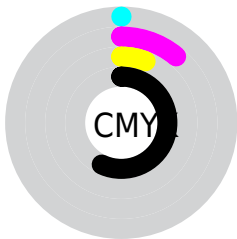
Blue (40%)



Red (43%)

Yellow (38%)

Blue (40%)

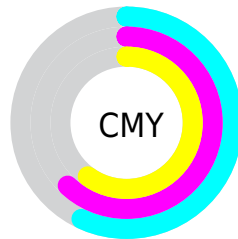


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (57%)



Cyan (57%)

Magenta (62%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6166 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 6D6166 by changing the saturation by 10% instead.



■ 6D6166

■ 6D6166

FFFFFF

■ 55494E

■ A19499

■ 3D3337

■ BCAEB4

■ 281E22

■ D7CACF

■ 14040C

■ F4E6EB

■ 000000

■ 6D6166

■ 6D6166

■ 6D5660

■ 6D6C6C

■ 6D4B59

■ 6D7773

■ 6D4053

■ 6D8279

6D354D

6D8D7F

6D2B46

6D9886

6D2040

6DA28C

6D1539

6DAD93

6D0A33

6DB899

6D002D

6DC39F

# Harmonies

## Analogous

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



69626A



6D6166



6F6161

# Triad

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



6D6166



65655B



59666B

# Complementary

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



6D6166



616D68

# 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.



586767



6D6166



5F665E

# Square

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



6D6166



6A635B



5B6762



5D656D

# Rectangle

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



6D6166



6E615E



5B6762



59676A



# Sweetspot

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



6D6166



8F8B8C



68616D



474546



C7C7C7



474747



# Same Dimension

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



6D6166



8F7C84



6D6261



363032



750031



F50066



# Inverse Universe

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



6D6166



8F7C84



616C6D



363032



750031



F50066



# Previews

## White Background



This preview shows how the Hex color 6D6166 looks on a white background.

## Color Contrast Check

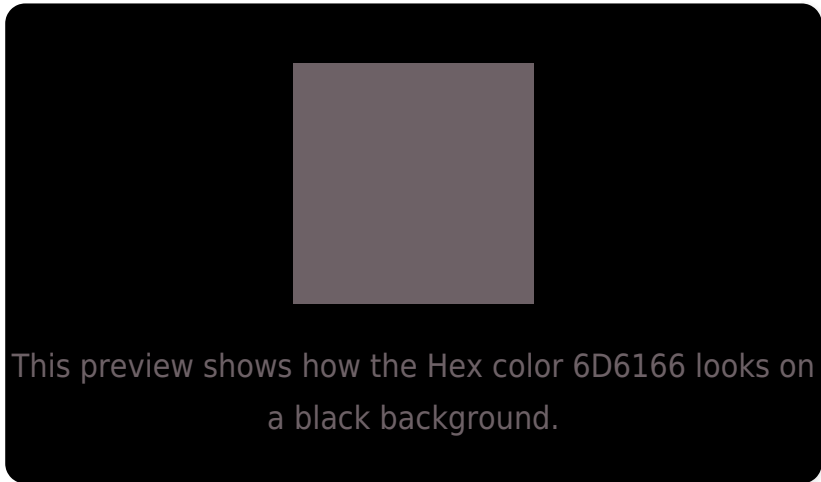
Large Text (above 18pt) WCAG AA ✓ Pass

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

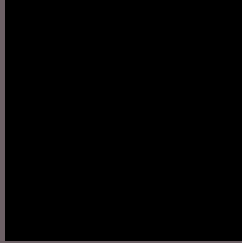
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D6166 Background



This preview shows how black text looks on a background with the Hex color 6D6166.

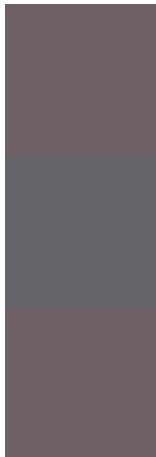


This preview shows how white text looks on a background with the Hex color 6D6166.

# 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**  
6D6166

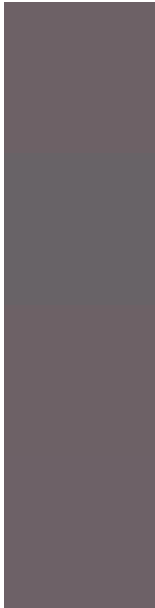
**Protanopia**  
656468

**Deuteranopia**  
6D6166



**Tritanopia**  
6D6168

# Trichromacy



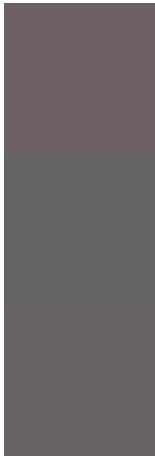
**Original Color**  
6D6166

**Protanomaly**  
686367

**Deuteranomaly**  
6D6166

**Tritanomaly**  
6D6167

# Monochromacy



**Original Color**  
6D6166

**Achromatopsia**  
656565

**Achromatomaly**  
686465

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6166 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 #6D6166 looks like.

```
.text, #text, p{  
    color:#6D6166  
}
```

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 #6D6166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6166
}
```

## Border

The CSS property to change the border of an element to Hex 6D6166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

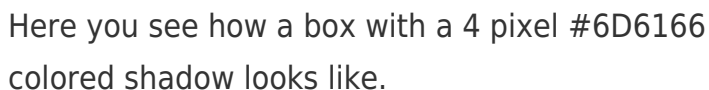
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D6166 }
```

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

```
.border{ border-color:#6D6166 }
```

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



Here you see how a box with a 4 pixel #6D6166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6166; -webkit-box-shadow:4px 4px  
4px 4px #6D6166; box-shadow:4px 4px 4px  
4px #6D6166 }
```

# Background

The CSS property to change the background color of an element to Hex 6D6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6166 }
```

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

```
.background{ background-color:#6D6166 }
```

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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