

# Converting Colors

Hex(667576)

Have a look what the booklet for  
Hex(667576) contains.

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# Color

**Hex(667576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	667576
RGB	102, 117, 118
RGB Percent	40%, 46%, 46%
CMY	0.6000, 0.5412, 0.5373
CMYK	0.14, 0.01, 0.00, 0.54
HSL	184°, 7%, 43%
HSV	184°, 14%, 46%
XYZ	15.1108, 16.8554, 19.5965
YIQ	112.6290, -9.2610, -2.8690

# Conversions

## Conversions Part 2

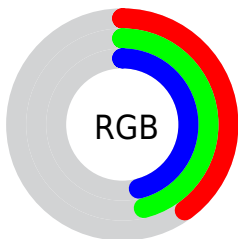
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	102, 110, 118
Decimal	6714742
CIE Lab	48.08, -5.33, -2.44
CIE LCh	48, 5.863, 204.612
Yxy	16.8554, 0.2931, 0.3269
Android (android.graphics.Color)	4284904822 (0xFF667576)
YUV	112.6290, 2.6479, -9.3216
Hunter-Lab	41.0553, -6.1481, 0.4384

# Details

The Hex color **667576** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766766**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **99A9AA**, and **374546** is the 20% darker color. If you saturate the color by 10%, you get **5A7476**, and if you desaturate by 10%, it is **727676**.

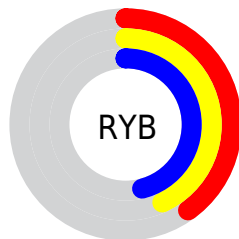
# Distribution



Red (40%)

Green (46%)

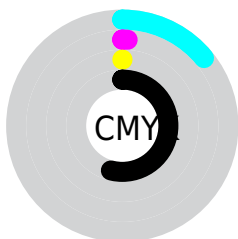
Blue (46%)



Red (40%)

Yellow (43%)

Blue (46%)

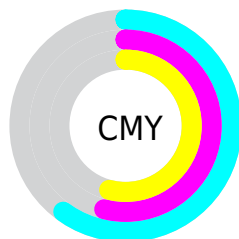


Cyan (14%)

Magenta (1%)

Yellow (0%)

Black (54%)



Cyan (60%)

Magenta (54%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 667576 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 667576 by changing the saturation by 10% instead.



■ 667576

■ 667576

FFFFFF

■ 4E5C5D

■ 99A9AA

■ 374546

■ B4C4C5

■ 212F30

■ D0E0E1

■ 0C1A1B

■ ECFDFE

■ 000000

■ 667576

■ 667576

■ 5A7476

■ 727676

■ 4E7476

■ 7E7676

■ 437376

■ 897776

■ 377276

■ 957876

■ 2B7176

■ A17976

■ 1F7176

■ AD7976

■ 137076

■ B97A76

■ 086F76

■ C47B76

■ 006F76

■ D07C76

# Harmonies

## Analogous

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



687571



667576



68747A

# Triad

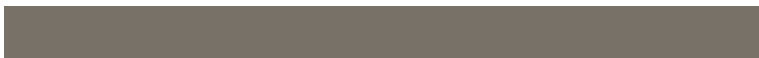
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



667576



787078



777168

# Complementary

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



667576



766766

# 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.



7B706A



667576



7C6F73

# Square

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



667576



72717B



7D6F6E



727369

# Rectangle

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



667576



6A737B



7D6F6E



797169



# Sweetspot

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



667576



939999



667667



494C4D



CCCCCC



4D4D4D



# Same Dimension

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



667576



819799



666D76



353A3B



00737A



00EAFA



# Inverse Universe

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



766675



998197



766F66



3B353A



7A0073



FA00EA



# Previews

## White Background



This preview shows how the Hex color 667576 looks on a white background.

## Color Contrast Check

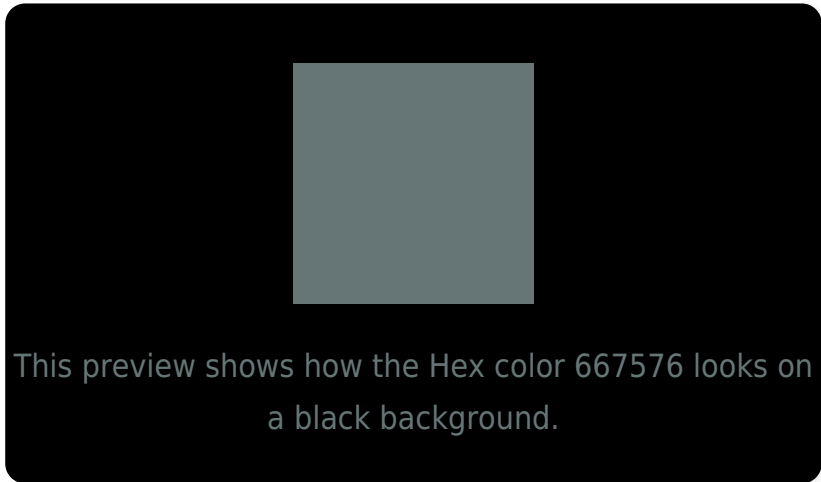
Large Text (above 18pt) WCAG AA ✓ Pass

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

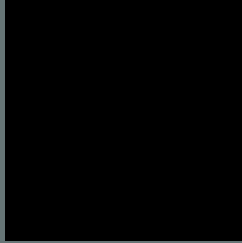
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

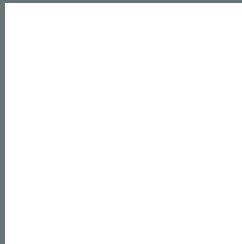
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 667576 Background



This preview shows how black text looks on a background with the Hex color 667576.



This preview shows how white text looks on a background with the Hex color 667576.

# 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**  
667576

**Protanopia**  
737174

**Deuteranopia**  
7A6F77



# Trichromacy



**Original Color**  
667576

**Protanomaly**  
6E7275

**Deuteranomaly**  
737177

**Tritanomaly**  
67747A

# Monochromacy



**Original Color**  
667576

**Achromatopsia**  
717171

**Achromatomaly**  
6D7273

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 667576 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 #667576 looks like.

```
.text, #text, p{  
    color:#667576  
}
```

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 #667576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667576
}
```

## Border

The CSS property to change the border of an element to Hex 667576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

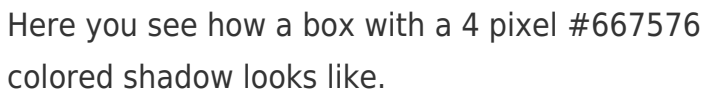
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#667576 }
```

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

```
.border{ border-color:#667576 }
```

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



Here you see how a box with a 4 pixel #667576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667576; -webkit-box-shadow:4px 4px  
4px 4px #667576; box-shadow:4px 4px 4px  
4px #667576 }
```

# Background

The CSS property to change the background color of an element to Hex 667576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667576 }
```

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

```
.background{ background-color:#667576 }
```

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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