

# Converting Colors

Hex(66666A)

Have a look what the booklet for  
Hex(66666A) contains.

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# Color

**Hex(66666A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66666A
RGB	102, 102, 106
RGB Percent	40%, 40%, 42%
CMY	0.6000, 0.6000, 0.5843
CMYK	0.04, 0.04, 0.00, 0.58
HSL	240°, 2%, 41%
HSV	240°, 4%, 42%
XYZ	12.8324, 13.3681, 15.5396
YIQ	102.4560, -1.2840, 1.2440

# Conversions

## Conversions Part 2

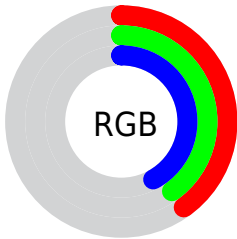
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 102, 106
Decimal	6710890
CIE Lab	43.31, 0.84, -2.25
CIE LCh	43, 2.407, 290.542
Yxy	13.3681, 0.3074, 0.3203
Android (android.graphics.Color)	4284900970 (0xFF66666A)
YUV	102.4560, 1.7472, -0.3999
Hunter-Lab	36.5625, -1.3359, 0.3945

# Details

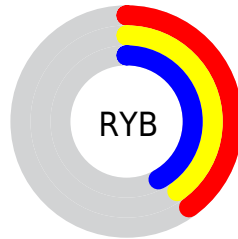
The Hex color **66666A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A6A66**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **99999D**, and **37373B** is the 20% darker color. If you saturate the color by 10%, you get **5B5B6A**, and if you desaturate by 10%, it is **71716A**.

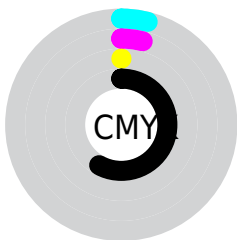
# Distribution



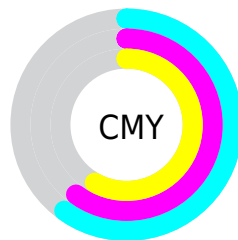
- Red (40%)
- Green (40%)
- Blue (42%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 66666A 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 66666A by changing the saturation by 10% instead.





66666A



66666A

FFFFFF



4E4E52



99999D



37373B



B4B4B8



222225



CFCFD4



0C0C10



EBEBF0



000000



66666A



66666A



5B5B6A



71716A



51516A



7B7B6A



46466A



86866A

■ 3C3C6A

■ 90906A

■ 31316A

■ 9B9B6A

■ 26266A

■ A6A66A

■ 1C1C6A

■ B0B06A

■ 11116A

■ BBBB6A

■ 07076A

■ C5C56A

# Harmonies

## Analogous

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



64676A



66666A



686569

# Triad

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



66666A



6A6563



626766

# Complementary

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



66666A



6A6A66

# 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.



646764



66666A



696662

# Square

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



66666A



6B6565



676763



626868

# Rectangle

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



66666A



6A6568



676763



636765



# Sweetspot

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



66666A



88888A



666A6A



444445



C4C4C4



454545



# Same Dimension

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



66666A



83838A



68666A



323236



000075



0000F5



# Inverse Universe

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



6A666A



8A838A



686A66



363236



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 66666A looks on a white background.

## Color Contrast Check

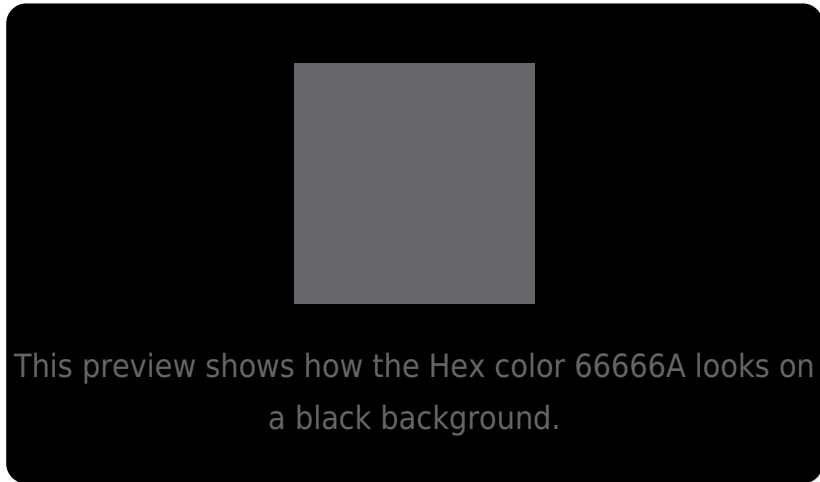
Large Text (above 18pt) WCAG AA ✓ Pass

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

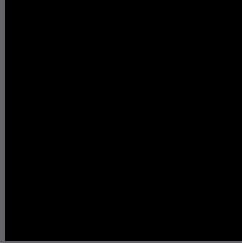
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

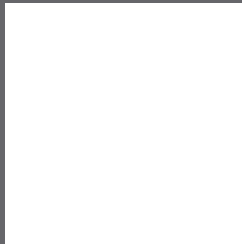
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66666A Background



This preview shows how black text looks on a background with the Hex color 66666A.



This preview shows how white text looks on a background with the Hex color 66666A.

# 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**


66666A

**Protanopia**

67666A

**Deuteranopia**

6E636B



**Tritanopia**  
67656D

# Trichromacy



**Original Color**

66666A

**Protanomaly**

67666A

**Deuteranomaly**

6B646B

**Tritanomaly**

67656C

# Monochromacy



**Original Color**

66666A

**Achromatopsia**

666666

**Achromatomaly**

666667

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66666A 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 #66666A looks like.

```
.text, #text, p{  
    color:#66666A  
}
```

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 #66666A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66666A
}
```

## Border

The CSS property to change the border of an element to Hex 66666A is called "border". The border property can be set on classes, ids or directly on the HTML element.

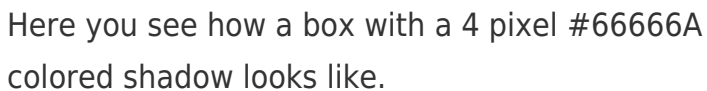
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66666A }
```

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

```
.border{ border-color:#66666A }
```

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



Here you see how a box with a 4 pixel #66666A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66666A; -webkit-box-shadow:4px 4px  
4px 4px #66666A; box-shadow:4px 4px 4px  
4px #66666A }
```

# Background

The CSS property to change the background color of an element to Hex 66666A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66666A }
```

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

```
.background{ background-color:#66666A }
```

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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