

Converting Colors

Hex(666670)

Have a look what the booklet for
Hex(666670) contains.

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Color

Hex(666670)

Conversions

Conversions Part 1

Format	Color
Hex	666670
RGB	102, 102, 112
RGB Percent	40%, 40%, 44%
CMY	0.6000, 0.6000, 0.5608
CMYK	0.09, 0.09, 0.00, 0.56
HSL	240°, 5%, 42%
HSV	240°, 9%, 44%
XYZ	13.1555, 13.4974, 17.2411
YIQ	103.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

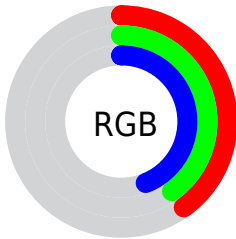
Format	Color
R _Y B	102, 102, 112
Decimal	6710896
CIE Lab	43.50, 2.16, -5.61
CIE LCh	44, 6.010, 291.048
Yxy	13.4974, 0.2997, 0.3075
Android (android.graphics.Color)	4284900976 (0xFF666670)
YUV	103.1400, 4.3680, -0.9998
Hunter-Lab	36.7388, -0.3752, -2.1070

Details

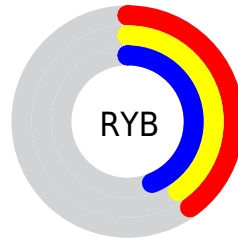
The Hex color **666670** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **707066**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9999A4**, and **373740** is the 20% darker color. If you saturate the color by 10%, you get **5B5B70**, and if you desaturate by 10%, it is **717170**.

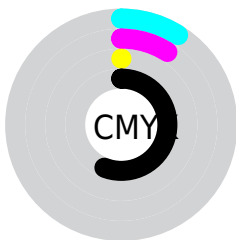
Distribution



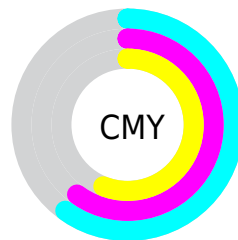
- Red (40%)
- Green (40%)
- Blue (44%)



- Red (40%)
- Yellow (40%)
- Blue (44%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666670 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 666670 by changing the saturation by 10% instead.

666670

666670

FFFFFF

4E4E58

9999A4

373740

B4B4BF

22222A

CFCFDB

0C0C16

ECEBF7

000000

666670

666670

5B5B70

717170

505070

7C7C70

444470

888870

■ 393970

■ 939370

■ 2E2E70

■ 9E9E70

■ 232370

■ A9A970

■ 181870

■ B4B470

■ 0C0C70

■ C0C070

■ 010170

■ CBCB70

Harmonies

Analogous

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



606870



666670



6C646D

Triad

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



666670



70645F



5D6A65

Complementary

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



666670



707066

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.



616960



666670



6D665D

Square

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



666670



726463



67685D



5B6A6A

Rectangle

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



666670



6F646A



67685D



5E6A63

Sweetspot

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



666670



8D8D91



667070



47474A



C9C9C9



4A4A4A

Same Dimension

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



666670



818191



6B6670



323238



000078



0000F7

Inverse Universe

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



706670



918191



6B7066



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 666670 looks on a white background.

Color Contrast Check

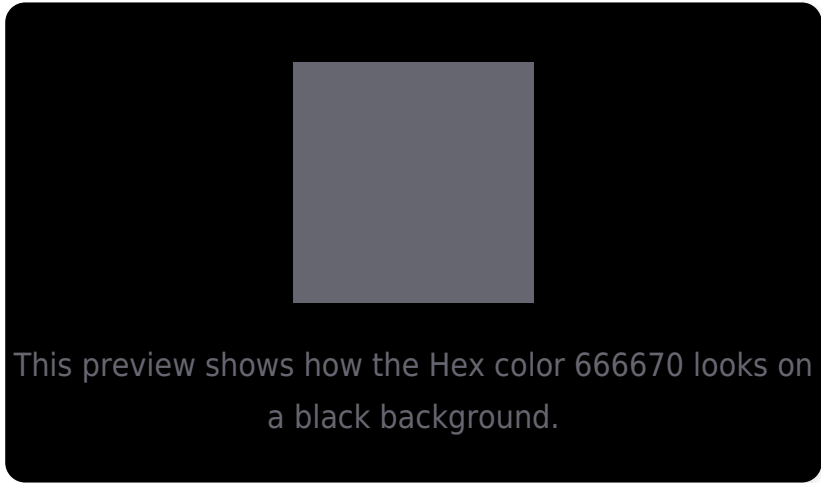
Large Text (above 18pt) WCAG AA ✓ Pass

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

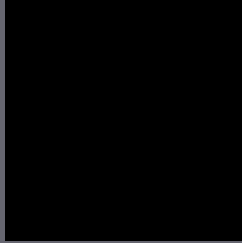
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

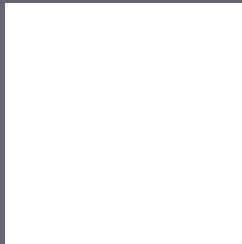
Any Text WCAG AAA × Fail

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

Hex 666670 Background



This preview shows how black text looks on a background with the Hex color 666670.



This preview shows how white text looks on a background with the Hex color 666670.

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


666670

Protanopia

666670

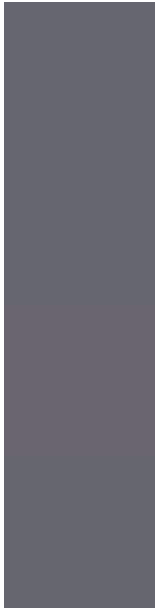
Deuteranopia

6C6470



Tritanopia
66666E

Trichromacy



Original Color

666670

Protanomaly

666670

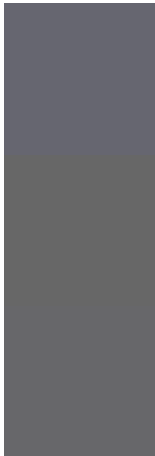
Deuteranomaly

6A6570

Tritanomaly

66666F

Monochromacy



Original Color

666670

Achromatopsia

676767

Achromatomaly

67676A

CSS Examples

Text

The CSS property to change the color of the text to Hex 666670 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 #666670 looks like.

```
.text, #text, p{  
    color:#666670  
}
```

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 #666670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666670
}
```

Border

The CSS property to change the border of an element to Hex 666670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

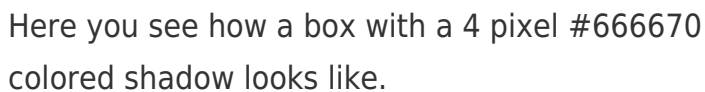
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#666670 }
```

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

```
.border{ border-color:#666670 }
```

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



Here you see how a box with a 4 pixel #666670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666670; -webkit-box-shadow:4px 4px  
4px 4px #666670; box-shadow:4px 4px 4px  
4px #666670 }
```

Background

The CSS property to change the background color of an element to Hex 666670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666670 }
```

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

```
.background{ background-color:#666670 }
```

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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