

Converting Colors

Hex(666980)

Have a look what the booklet for
Hex(666980) contains.

Hex(666980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(666980)

Conversions

Conversions Part 1

Format	Color
Hex	666980
RGB	102, 105, 128
RGB Percent	40%, 41%, 50%
CMY	0.6000, 0.5882, 0.4980
CMYK	0.20, 0.18, 0.00, 0.50
HSL	233°, 11%, 45%
HSV	233°, 20%, 50%
XYZ	14.4273, 14.4864, 22.4578
YIQ	106.7250, -9.1710, 6.5170

Conversions

Conversions Part 2

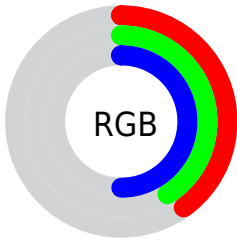
Format	Color
R_{YB}	102, 105, 128
Decimal	6711680
CIE Lab	44.92, 4.12, -13.13
CIE LCh	45, 13.760, 287.425
Yxy	14.4864, 0.2808, 0.2820
Android (android.graphics.Color)	4284901760 (0xFF666980)
YUV	106.7250, 10.4886, -4.1438
Hunter-Lab	38.0611, 1.0550, -8.3412

Details

The Hex color **666980** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **807D66**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **999CB5**, and **373A4F** is the 20% darker color. If you saturate the color by 10%, you get **595E80**, and if you desaturate by 10%, it is **737480**.

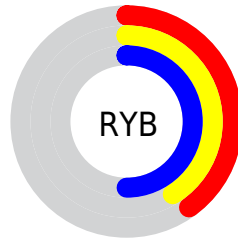
Distribution



Red (40%)

Green (41%)

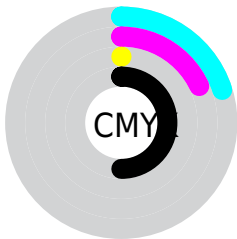
Blue (50%)



Red (40%)

Yellow (41%)

Blue (50%)

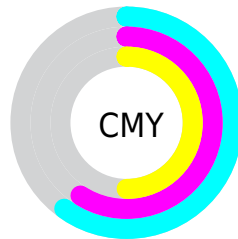


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (59%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666980 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 666980 by changing the saturation by 10% instead.

666980

666980

FFFFFF

4E5167

999CB5

373A4F

B4B7D0

212538

D0D3ED

0C0F22

ECEFFF

00000B

000000

666980

666980

595E80

737480

4C5280

808080

■ 404780

■ 8C8B80

■ 333C80

■ 999680

■ 263080

■ A6A280

■ 192580

■ B3AD80

■ 0C1A80

■ C0B880

■ 000F80

■ CCC480

■ D9CF80

Harmonies

Analogous

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



576D80



666980



74657A

Triad

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



666980



80645A



537165

Complementary

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



666980



807D66

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.



5F6F5B



666980



786854

Square

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



666980



826264



6C6C54



4C7171

Rectangle

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



666980



7C6373



6C6C54



577061

Sweetspot

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



666980



9C9DA6



66807D



4E4F54



D4D4D4



545454

Same Dimension

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



666980



7E83A6



706680



393A40



000F80



000000

Inverse Universe

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



806669



A67E83



768066



40393A



80000F



000000

Previews

White Background



This preview shows how the Hex color 666980 looks on a white background.

Color Contrast Check

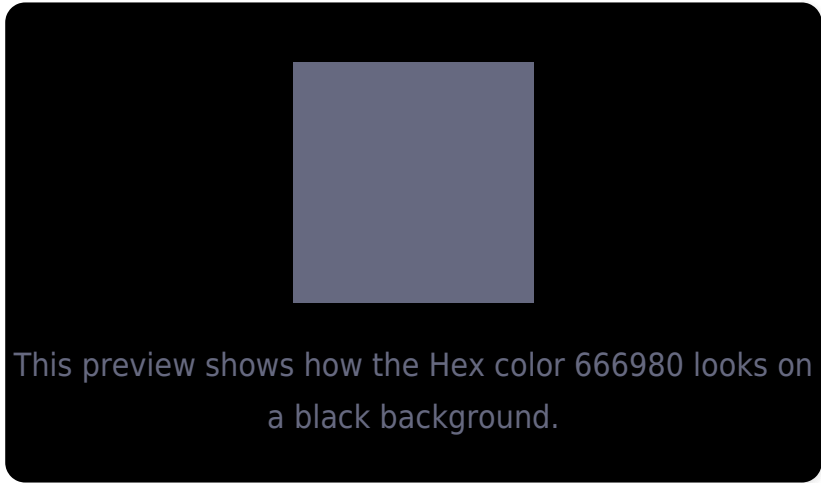
Large Text (above 18pt) WCAG AA ✓ Pass

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

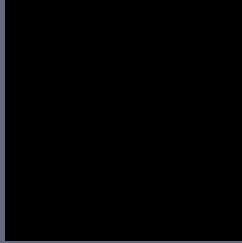
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

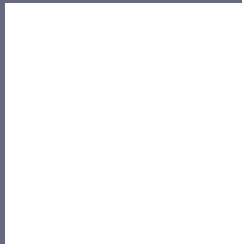
Any Text WCAG AAA × Fail

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

Hex 666980 Background



This preview shows how black text looks on a background with the Hex color 666980.



This preview shows how white text looks on a background with the Hex color 666980.

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
666980

Protanopia
656980

Deuteranopia
6A6880



Tritanopia
646B74

Trichromacy



Original Color

666980

Protanomaly

656980

Deuteranomaly

696880

Tritanomaly

656A78

Monochromacy



Original Color

666980

Achromatopsia

6B6B6B

Achromatomaly

696A73

CSS Examples

Text

The CSS property to change the color of the text to Hex 666980 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 #666980 looks like.

```
.text, #text, p{  
    color:#666980  
}
```

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 #666980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666980
}
```

Border

The CSS property to change the border of an element to Hex 666980 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
#666980 }
```

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

```
.border{ border-color:#666980 }
```

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

Here you see how a box with a 4 pixel #666980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666980; -webkit-box-shadow:4px 4px  
4px 4px #666980; box-shadow:4px 4px 4px  
4px #666980 }
```

Background

The CSS property to change the background color of an element to Hex 666980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666980 }
```

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

```
.background{ background-color:#666980 }
```

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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