

Converting Colors

Hex(66668F)

Have a look what the booklet for
Hex(66668F) contains.

Hex(66668F)	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(66668F)

Conversions

Conversions Part 1

Format	Color
Hex	66668F
RGB	102, 102, 143
RGB Percent	40%, 40%, 56%
CMY	0.6000, 0.6000, 0.4392
CMYK	0.29, 0.29, 0.00, 0.44
HSL	240°, 17%, 48%
HSV	240°, 29%, 56%
XYZ	15.1888, 14.3107, 27.9483
YIQ	106.6740, -13.1610, 12.7510

Conversions

Conversions Part 2

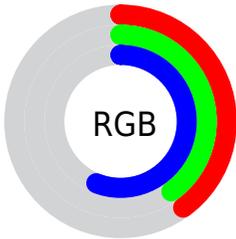
Format	Color
R_{YB}	102, 102, 143
Decimal	6710927
CIE _{Lab}	44.68, 9.80, -22.49
CIE _{LCh}	45, 24.534, 293.541
Yxy	14.3107, 0.2644, 0.2491
Android (android.graphics.Color)	4284901007 (0xFF66668F)
YUV	106.6740, 17.9087, -4.0991
Hunter-Lab	37.8295, 5.4674, -17.3226

Details

The Hex color **66668F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F8F66**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9A99C5**, and **35375C** is the 20% darker color. If you saturate the color by 10%, you get **58588F**, and if you desaturate by 10%, it is **74748F**.

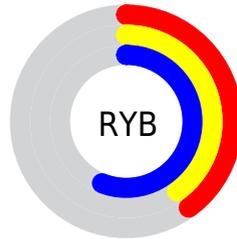
Distribution



Red (40%)

Green (40%)

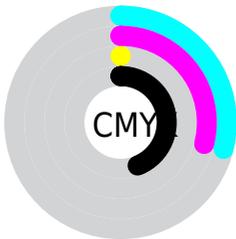
Blue (56%)



Red (40%)

Yellow (40%)

Blue (56%)

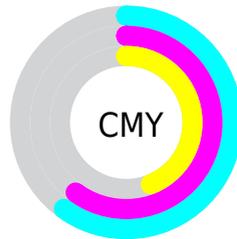


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66668F 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 66668F by changing the saturation by 10% instead.

■ 66668F

■ 66668F

FFFFFF

■ 4D4E75

■ 9A99C5

■ 35375C

■ B5B4E1

■ 1E2245

■ D1CFFE

■ 080C2E

■ EDEBFF

■ 000119

■ 000000

■ 66668F

■ 66668F

■ 58588F

■ 74748F

■ 49498F

■ 83838F

■ 3B3B8F

■ 91918F

■ 2D2D8F

■ 9F9F8F

■ 1F1F8F

■ AEAE8F

■ 10108F

■ BCBC8F

■ 02028F

■ CACA8F

■ 00008F

■ D8D88F

■ E7E78F

Harmonies

Analogous

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



466D92



66668F



7F5F82

Triad

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



66668F



8B604A



367464

Complementary

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



66668F



8F8F66

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.



4F7251



66668F



7C6741

Square

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



66668F



925B5A



676D44



217579

Rectangle

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



66668F



8B5B76



676D44



3F745D

Sweetspot

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



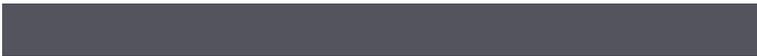
66668F



A9A9BA



668F8F



54545E



DEDEDE



5E5E5E

Same Dimension

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



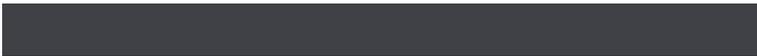
66668F



7B7BBA



7B668F



404047



000087



000008

Inverse Universe

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



8F668F



BA7BBA



7B8F66



474047



870087



080008

Previews

White Background



This preview shows how the Hex color 66668F looks on a white background.

Color Contrast Check

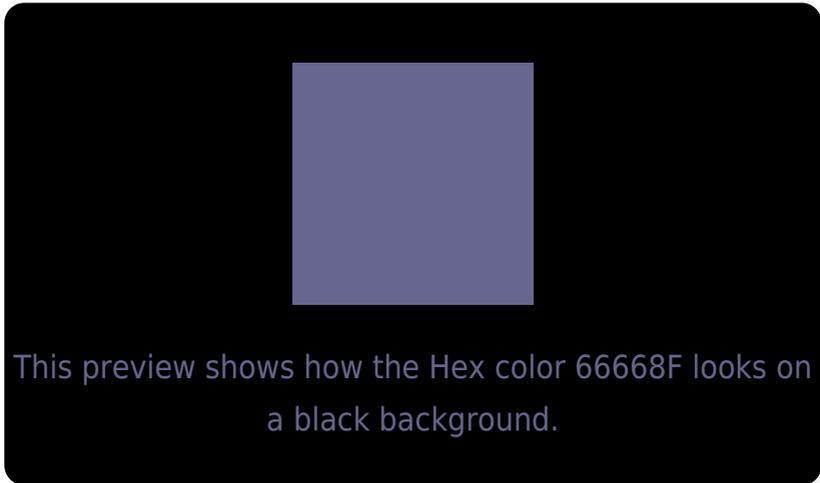
Large Text (above 18pt) WCAG AA ✓ Pass

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

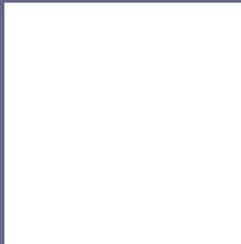
Any Text WCAG AAA × Fail

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

Hex 66668F Background



This preview shows how black text looks on a background with the Hex color 66668F.



This preview shows how white text looks on a background with the Hex color 66668F.

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
66668F

Protanopia
5E6891

Deuteranopia
5F688F



Tritanopia
606B74

Trichromacy



Original Color
66668F

Protanomaly
616790

Deuteranomaly
62678F

Tritanomaly
62697E

Monochromacy



Original Color
66668F

Achromatopsia
6B6B6B

Achromatomaly
696978

CSS Examples

Text

The CSS property to change the color of the text to Hex 66668F 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 #66668F looks like.

```
.text, #text, p{  
    color:#66668F  
}
```

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 #66668F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66668F
}
```

Border

The CSS property to change the border of an element to Hex 66668F 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
#66668F }
```

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

```
.border{ border-color:#66668F }
```

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

Here you see how a box with a 4 pixel #66668F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66668F; -webkit-box-shadow:4px 4px  
4px 4px #66668F; box-shadow:4px 4px 4px  
4px #66668F }
```

Background

The CSS property to change the background color of an element to Hex 66668F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66668F }
```

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

```
.background{ background-color:#66668F }
```

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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