

Converting Colors

Hex(66628F)

Have a look what the booklet for
Hex(66628F) contains.

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Color

Hex(66628F)

Conversions

Conversions Part 1

Format	Color
Hex	66628F
RGB	102, 98, 143
RGB Percent	40%, 38%, 56%
CMY	0.6000, 0.6157, 0.4392
CMYK	0.29, 0.31, 0.00, 0.44
HSL	245°, 19%, 47%
HSV	245°, 31%, 56%
XYZ	14.8051, 13.5433, 27.8204
YIQ	104.3260, -12.0610, 14.8430

Conversions

Conversions Part 2

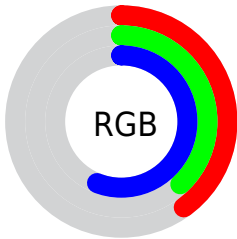
Format	Color
R_{YB}	102, 98, 143
Decimal	6709903
CIE _{Lab}	43.57, 12.26, -24.20
CIE _{LCh}	44, 27.129, 296.857
Yxy	13.5433, 0.2636, 0.2411
Android (android.graphics.Color)	4284899983 (0xFF66628F)
YUV	104.3260, 19.0663, -2.0399
Hunter-Lab	36.8012, 7.4082, -19.0602

Details

The Hex color **66628F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8F62**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9A95C5**, and **35345C** is the 20% darker color. If you saturate the color by 10%, you get **59548F**, and if you desaturate by 10%, it is **73708F**.

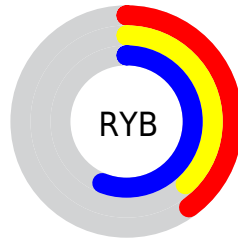
Distribution



Red (40%)

Green (38%)

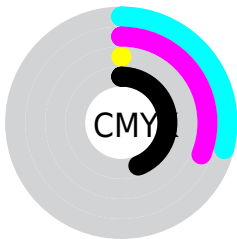
Blue (56%)



Red (40%)

Yellow (38%)

Blue (56%)

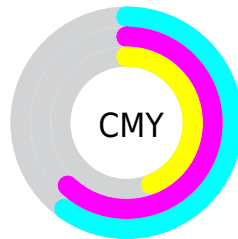


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66628F 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 66628F by changing the saturation by 10% instead.

■ 66628F

■ 66628F

FFFFFF

■ 4D4A75

■ 9A95C5

■ 35345C

■ B5AFE1

■ 1E1F45

■ D1CBFE

■ 09072E

■ EDE7FF

■ 000119

■ 000000

■ 66628F

■ 66628F

■ 59548F

■ 73708F

■ 4C458F

■ 807F8F

■ 3F378F

■ 8D8D8F

■ 32298F

■ 9A9B8F

■ 251B8F

■ A7AA8F

■ 180C8F

■ B4B88F

■ 0D008F

■ C1C68F

■ CED48F

■ DBE38F

Harmonies

Analogous

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



416A94



66628F



815A80

Triad

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



66628F



895D42



277364

Complementary

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



66628F



8B8F62

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.



46704E



66628F



78653A

Square

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



66628F



925754



616C3E



00737A

Rectangle

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



66628F



8C5672



616C3E



32725C

Sweetspot

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



66628F



ABA9BA



628B8F



55545E



DEDEDE



5E5E5E

Same Dimension

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



66628F



7A73BA



7C628F



414047



0C0087



010008

Inverse Universe

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



8F628B



BA73B4



758F62



474047



87007B



080007

Previews

White Background



This preview shows how the Hex color 66628F looks on a white background.

Color Contrast Check

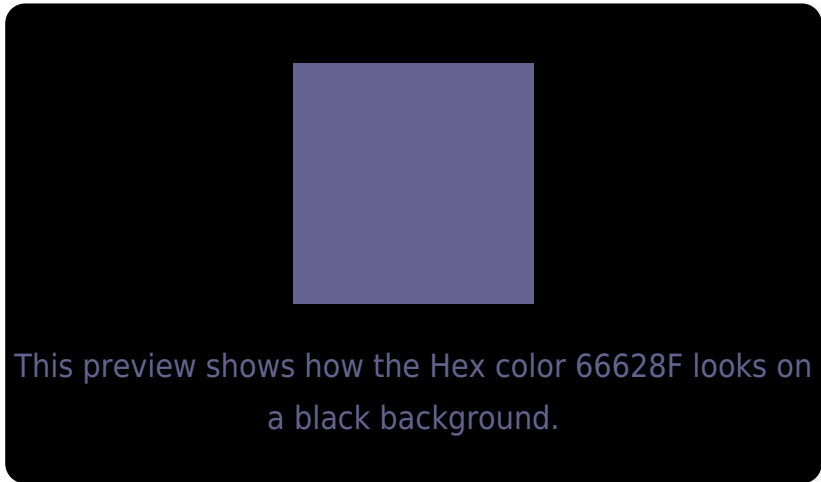
Large Text (above 18pt) WCAG AA ✓ Pass

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

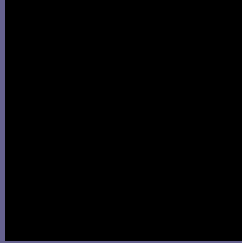
Any Text WCAG AA × Fail

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 66628F Background



This preview shows how black text looks on a background with the Hex color 66628F.



This preview shows how white text looks on a background with the Hex color 66628F.

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
66628F

Protanopia
596592

Deuteranopia
5A668E



Tritanopia
606870

Trichromacy



Original Color
66628F

Protanomaly
5E6491

Deuteranomaly
5E658E

Tritanomaly
62667B

Monochromacy



Original Color
66628F

Achromatopsia
686868

Achromatomaly
676676

CSS Examples

Text

The CSS property to change the color of the text to Hex 66628F 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 #66628F looks like.

```
.text, #text, p{  
    color:#66628F  
}
```

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 #66628F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66628F
}
```

Border

The CSS property to change the border of an element to Hex 66628F is called "border". The border property can be set on classes, ids or directly on the HTML element.

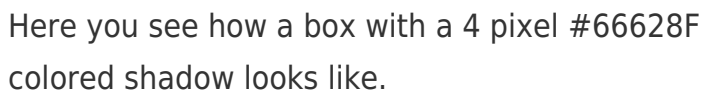
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66628F }
```

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

```
.border{ border-color:#66628F }
```

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



Here you see how a box with a 4 pixel #66628F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66628F; -webkit-box-shadow:4px 4px  
4px 4px #66628F; box-shadow:4px 4px 4px  
4px #66628F }
```

Background

The CSS property to change the background color of an element to Hex 66628F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66628F }
```

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

```
.background{ background-color:#66628F }
```

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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