

Converting Colors

Hex(65768F)

Have a look what the booklet for
Hex(65768F) contains.

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Color

Hex(65768F)

Conversions

Conversions Part 1

Format	Color
Hex	65768F
RGB	101, 118, 143
RGB Percent	40%, 46%, 56%
CMY	0.6039, 0.5373, 0.4392
CMYK	0.29, 0.17, 0.00, 0.44
HSL	216°, 17%, 48%
HSV	216°, 29%, 56%
XYZ	16.8032, 17.7067, 28.5187
YIQ	115.7670, -18.1570, 4.1710

Conversions

Conversions Part 2

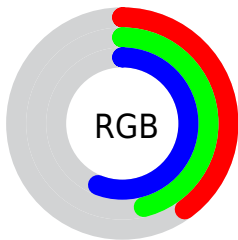
Format	Color
R_{YB}	101, 113, 143
Decimal	6649487
CIE _{Lab}	49.14, -0.15, -15.66
CIE _{LCh}	49, 15.657, 269.460
Yxy	17.7067, 0.2666, 0.2809
Android (android.graphics.Color)	4284839567 (0xFF65768F)
YUV	115.7670, 13.4259, -12.9507
Hunter-Lab	42.0794, -2.3601, -10.7274

Details

The Hex color **65768F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8F7E65**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **99AAC5**, and **35465D** is the 20% darker color. If you saturate the color by 10%, you get **576D8F**, and if you desaturate by 10%, it is **737F8F**.

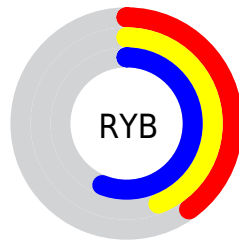
Distribution



Red (40%)

Green (46%)

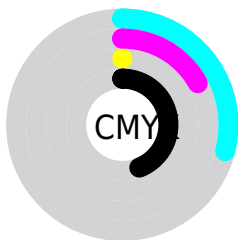
Blue (56%)



Red (40%)

Yellow (44%)

Blue (56%)

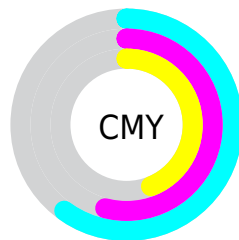


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65768F 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 65768F by changing the saturation by 10% instead.



65768F



65768F

FFFFFF



4C5D75



99AAC5



35465D



B4C5E1



1D3045



D0E1FD



051B2F



ECFEFF



00011A



000000



65768F



65768F



576D8F



737F8F



48658F



82878F

■ 3A5C8F

■ 90908F

■ 2C548F

■ 9E988F

■ 1D4B8F

■ ACA18F

■ 0F438F

■ BBA98F

■ 013A8F

■ C9B28F

■ 003A8F

■ D7BA8F

■ E6C38F

Harmonies

Analogous

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



567A8B



65768F



77718C

Triad

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



65768F



906C68



627B67

Complementary

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



65768F



8F7E65

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.



71785E



65768F



8A6F5E

Square

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



65768F



8F6B75



7F745A



557C74

Rectangle

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



65768F



816F86



7F745A



677A63

Sweetspot

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



65768F



A9B0BA



658F7E



54585E



DEDEDE



5E5E5E

Same Dimension

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



65768F



7993BA



69658F



404347



003787



000308

Inverse Universe

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



8F6576



BA7993



8C8F65



474043



870037



080003

Previews

White Background



This preview shows how the Hex color 65768F looks on a white background.

Color Contrast Check

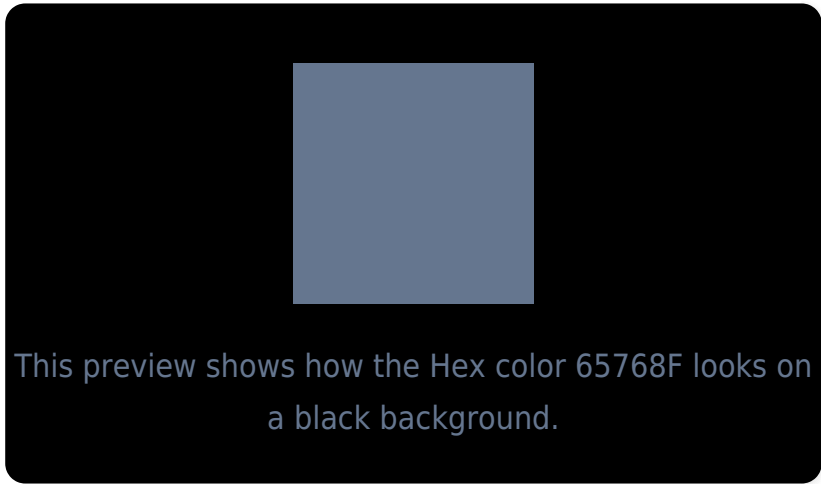
Large Text (above 18pt) WCAG AA ✓ Pass

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

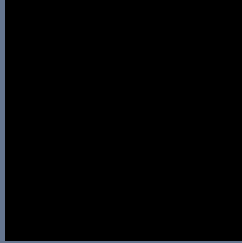
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

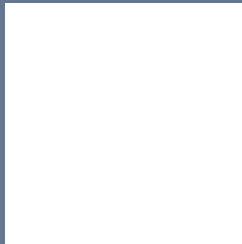
Any Text WCAG AAA × Fail

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

Hex 65768F Background



This preview shows how black text looks on a background with the Hex color 65768F.



This preview shows how white text looks on a background with the Hex color 65768F.

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

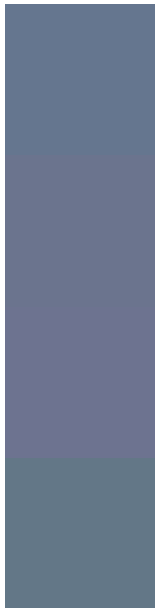


Original Color
65768F

Protanopia
6F738D

Deuteranopia
727290

Trichromacy



Original Color
65768F

Protanomaly
6B748E

Deuteranomaly
6D7390

Tritanomaly
637787

Monochromacy



Original Color
65768F

Achromatopsia
747474

Achromatomaly
6F757E

CSS Examples

Text

The CSS property to change the color of the text to Hex 65768F 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 #65768F looks like.

```
.text, #text, p{  
    color:#65768F  
}
```

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 #65768F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65768F
}
```

Border

The CSS property to change the border of an element to Hex 65768F is called "border". The border property can be set on classes, ids or directly on the HTML element.

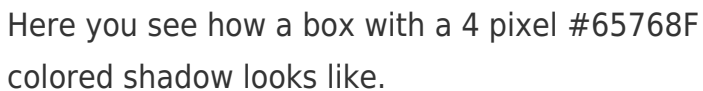
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65768F }
```

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

```
.border{ border-color:#65768F }
```

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



Here you see how a box with a 4 pixel #65768F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65768F; -webkit-box-shadow:4px 4px  
4px 4px #65768F; box-shadow:4px 4px 4px  
4px #65768F }
```

Background

The CSS property to change the background color of an element to Hex 65768F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65768F }
```

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

```
.background{ background-color:#65768F }
```

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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