

# Converting Colors

Hex(65788A)

Have a look what the booklet for  
Hex(65788A) contains.

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# Color

Hex(65788A)

# Conversions

## Conversions Part 1

Format	Color
Hex	65788A
RGB	101, 120, 138
RGB Percent	40%, 47%, 54%
CMY	0.6039, 0.5294, 0.4588
CMYK	0.27, 0.13, 0.00, 0.46
HSL	209°, 15%, 47%
HSV	209°, 27%, 54%
XYZ	16.6707, 18.0346, 26.6471
YIQ	116.3710, -17.1020, 1.5700

# Conversions

## Conversions Part 2

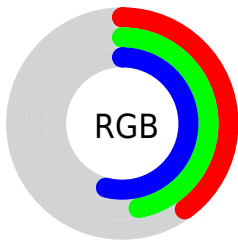
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 114, 138
Decimal	6649994
CIE <sub>Lab</sub>	49.54, -2.61, -12.10
CIE <sub>LCh</sub>	50, 12.382, 257.835
Yxy	18.0346, 0.2717, 0.2940
Android (android.graphics.Color)	4284840074 (0xFF65788A)
YUV	116.3710, 10.6631, -13.4804
Hunter-Lab	42.4672, -4.2464, -7.4760

# Details

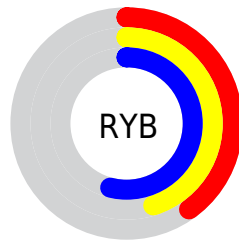
The Hex color **65788A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A7765**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **99ACBF**, and **354858** is the 20% darker color. If you saturate the color by 10%, you get **57718A**, and if you desaturate by 10%, it is **737F8A**.

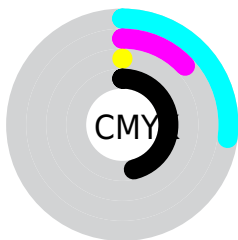
# Distribution



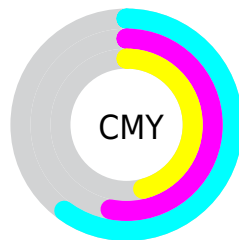
- Red (40%)
- Green (47%)
- Blue (54%)



- Red (40%)
- Yellow (45%)
- Blue (54%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (46%)



- Cyan (60%)
- Magenta (53%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65788A 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 65788A by changing the saturation by 10% instead.





65788A



65788A

FFFFFF



4D5F71



99ACBF



354858



B4C8DB



1E3141



CFE4F8



071C2B



ECFFFF



000117



000000



65788A



65788A



57718A



737F8A



496B8A



81858A

■ 3C648A

■ 8E8C8A

■ 2E5D8A

■ 9C938A

■ 20568A

■ AA9A8A

■ 12508A

■ B8A08A

■ 04498A

■ C6A78A

■ 00478A

■ D3AE8A

■ E1B48A

# Harmonies

## Analogous

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



5C7B85



65788A



72758A

# Triad

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



65788A



8C6F70



6B7A67

# Complementary

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



65788A



8A7765

# 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.



777762



65788A



8A7067

# Square

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



65788A



886F7A



827461



617C71

# Rectangle

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



65788A



7B7286



827461



6F7965



# Sweetspot

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



65788A



A4ACB3



658A77



505559



D9D9D9



595959



# Same Dimension

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



65788A



7997B3



65668A



3E4245



004485



000305



# Inverse Universe

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



8A6578



B37997



8A8965



453E42



850044



050003



# Previews

## White Background



This preview shows how the Hex color 65788A looks on a white background.

## Color Contrast Check

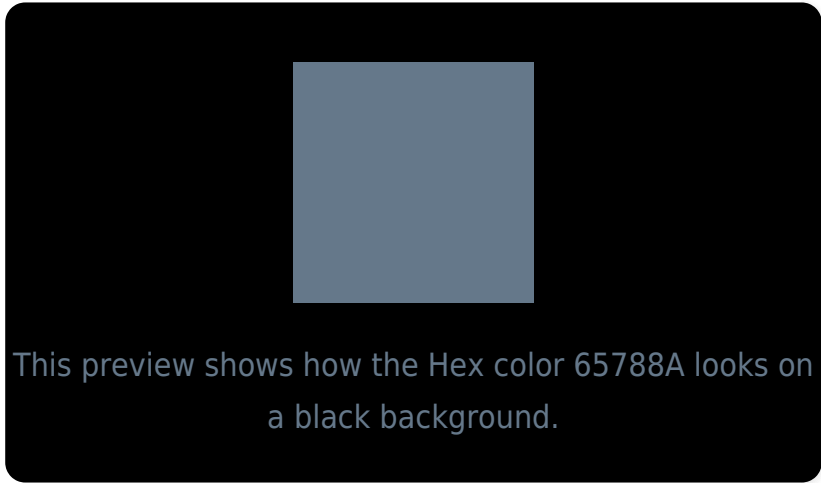
Large Text (above 18pt) WCAG AA ✓ Pass

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

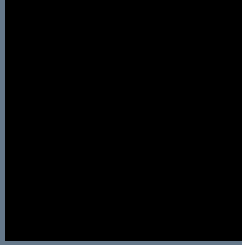
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

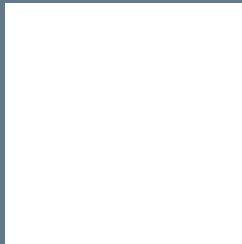
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65788A Background



This preview shows how black text looks on a background with the Hex color 65788A.

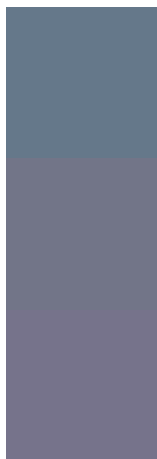


This preview shows how white text looks on a background with the Hex color 65788A.

# 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**  
65788A

**Protanopia**  
727588

**Deuteranopia**  
76738B



**Tritanopia**  
637983

# Trichromacy



**Original Color**  
65788A

**Protanomaly**  
6D7689

**Deuteranomaly**  
70758B

**Tritanomaly**  
647986

# Monochromacy



**Original Color**  
65788A

**Achromatopsia**  
747474

**Achromatomaly**  
6F757C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65788A 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 #65788A looks like.

```
.text, #text, p{  
    color:#65788A  
}
```

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 #65788A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65788A
}
```

## Border

The CSS property to change the border of an element to Hex 65788A 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
#65788A }
```

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

```
.border{ border-color:#65788A }
```

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

Here you see how a box with a 4 pixel #65788A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65788A; -webkit-box-shadow:4px 4px  
4px 4px #65788A; box-shadow:4px 4px 4px  
4px #65788A }
```

# Background

The CSS property to change the background color of an element to Hex 65788A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65788A }
```

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

```
.background{ background-color:#65788A }
```

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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