

Converting Colors

Hex(658F93)

Have a look what the booklet for
Hex(658F93) contains.

Hex(658F93)	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(658F93)

Conversions

Conversions Part 1

Format	Color
Hex	658F93
RGB	101, 143, 147
RGB Percent	40%, 56%, 58%
CMY	0.6039, 0.4392, 0.4235
CMYK	0.31, 0.03, 0.00, 0.42
HSL	185°, 19%, 49%
HSV	185°, 31%, 58%
XYZ	20.4557, 24.5182, 31.2581
YIQ	130.8980, -26.3160, -7.6600

Conversions

Conversions Part 2

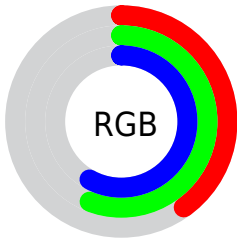
Format	Color
R_{YB}	101, 123, 147
Decimal	6655891
CIE _{Lab}	56.60, -13.31, -6.76
CIE _{LCh}	57, 14.925, 206.927
Yxy	24.5182, 0.2683, 0.3216
Android (android.graphics.Color)	4284845971 (0xFF658F93)
YUV	130.8980, 7.9383, -26.2205
Hunter-Lab	49.5159, -12.9117, -2.7672

Details

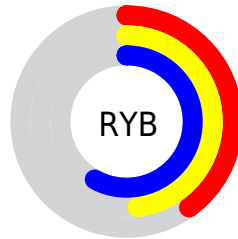
The Hex color **658F93** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **936965**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **99C5C9**, and **335D60** is the 20% darker color. If you saturate the color by 10%, you get **568E93**, and if you desaturate by 10%, it is **749093**.

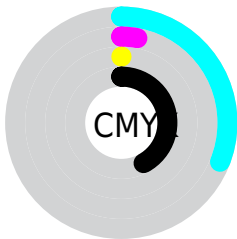
Distribution



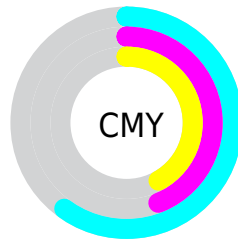
- Red (40%)
- Green (56%)
- Blue (58%)



- Red (40%)
- Yellow (48%)
- Blue (58%)



- Cyan (31%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 658F93 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 658F93 by changing the saturation by 10% instead.

■ 658F93

■ 658F93

FFFFFF

■ 4C7579

■ 99C5C9

■ 335D60

■ B5E1E5

■ 1A4549

■ D1FDFF

■ 002F32

■ EDFFFF

■ 001B1D

■ 000002

■ 000000

■ 658F93

■ 658F93

■ 568E93

■ 749093

■ 488C93

■ 829293

■ 398B93

■ 919393

■ 2A8A93

■ A09493

■ 1C8993

■ AF9593

■ 0D8793

■ BD9793

■ 008693

■ CC9893

■ DB9993

■ E99B93

Harmonies

Analogous

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



6A8F86



658F93



6A8D9D

Triad

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



658F93



978196



93866E

Complementary

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



658F93



936965

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.



9E8272



658F93



A17F8A

Square

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



658F93



88859F



A37F7D



858B70

Rectangle

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



658F93



728BA1



A37F7D



97856F

Sweetspot

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



658F93



AEBEBF



659369



566061



E0E0E0



616161

Same Dimension

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



658F93



77B9BF



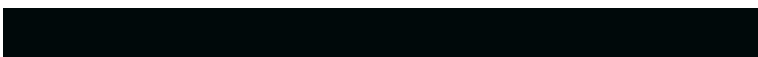
657893



43494A



007E8A



00090A

Inverse Universe

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



93658F



BF77B9



938065



4A4349



8A007E



0A0009

Previews

White Background



This preview shows how the Hex color 658F93 looks on a white background.

Color Contrast Check

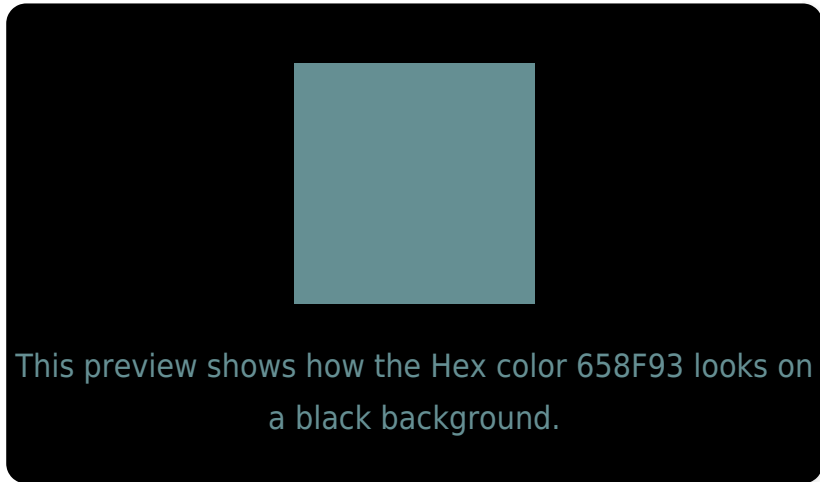
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

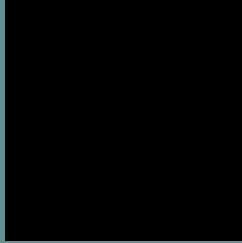
Any Text WCAG AA ✓ Pass

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 658F93 Background



This preview shows how black text looks on a background with the Hex color 658F93.

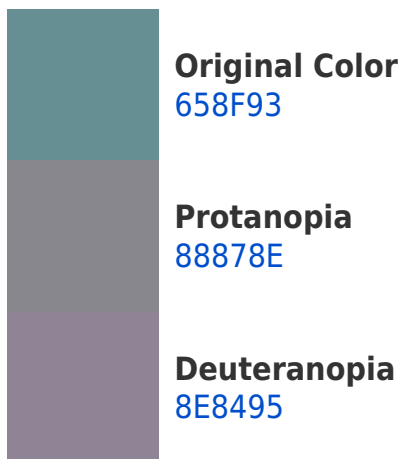


This preview shows how white text looks on a background with the Hex color 658F93.

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](#).

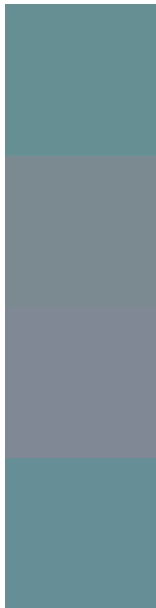
Dichromacy





Tritanopia
678E99

Trichromacy



Original Color
658F93

Protanomaly
7B8A90

Deuteranomaly
7F8894

Tritanomaly
668E97

Monochromacy



Original Color
658F93

Achromatopsia
838383

Achromatomaly
788789

CSS Examples

Text

The CSS property to change the color of the text to Hex 658F93 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 #658F93 looks like.

```
.text, #text, p{  
    color:#658F93  
}
```

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 #658F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658F93
}
```

Border

The CSS property to change the border of an element to Hex 658F93 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
#658F93 }
```

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

```
.border{ border-color:#658F93 }
```

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

Here you see how a box with a 4 pixel #658F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658F93; -webkit-box-shadow:4px 4px  
4px 4px #658F93; box-shadow:4px 4px 4px  
4px #658F93 }
```

Background

The CSS property to change the background color of an element to Hex 658F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658F93 }
```

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

```
.background{ background-color:#658F93 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor