

Converting Colors

Hex(658D83)

Have a look what the booklet for
Hex(658D83) contains.

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Color

Hex(658D83)

Conversions

Conversions Part 1

Format	Color
Hex	658D83
RGB	101, 141, 131
RGB Percent	40%, 55%, 51%
CMY	0.6039, 0.4471, 0.4863
CMYK	0.28, 0.00, 0.07, 0.45
HSL	165°, 17%, 47%
HSV	165°, 28%, 55%
XYZ	18.9884, 23.4551, 24.9992
YIQ	127.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

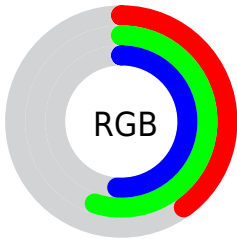
Format	Color
RYB	101, 124, 141
Decimal	6655363
CIELab	55.54, -16.06, 0.87
CIELCh	56, 16.083, 176.883
Yxy	23.4551, 0.2815, 0.3478
Android (android.graphics.Color)	4284845443 (0xFF658D83)
YUV	127.9000, 1.5283, -23.5913
Hunter-Lab	48.4305, -14.7678, 3.2966

Details

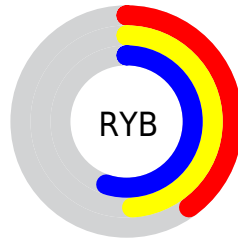
The Hex color **658D83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D656F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **99C3B8**, and **345B52** is the 20% darker color. If you saturate the color by 10%, you get **578D7F**, and if you desaturate by 10%, it is **738D87**.

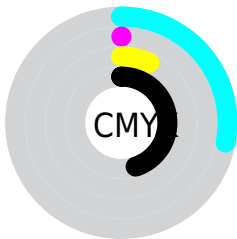
Distribution



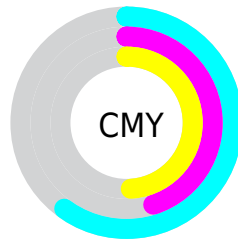
- Red (40%)
- Green (55%)
- Blue (51%)



- Red (40%)
- Yellow (49%)
- Blue (55%)



- Cyan (28%)
- Magenta (0%)
- Yellow (7%)
- Black (45%)



- Cyan (60%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 658D83 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 658D83 by changing the saturation by 10% instead.



658D83



658D83

FFFFFF



4C736A



99C3B8



345B52



B4DFD4



1D433B



D0FBF0



042D25



ECFEFC



001910



000000



658D83



658D83



578D7F



738D87



498D7C



818D8A

■ 3B8D78

■ 8F8D8E

■ 2D8D75

■ 9D8D91

■ 1E8D71

■ AC8D95

■ 108D6E

■ BA8D98

■ 028D6A

■ C88D9C

■ 008D6A

■ D68D9F

■ E48DA3

Harmonies

Analogous

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



728B75



658D83



5F8D91

Triad

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



658D83



86829E



9D7F6E

Complementary

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



658D83



8D656F

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.



A27C79



658D83



967E94

Square

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



658D83



7387A1



A07B87



918469

Rectangle

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



658D83



618B99



A07B87



9F7E71

Sweetspot

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



658D83



A7B8B3



6F8D65



525C59



DBDBDB



5C5C5C

Same Dimension

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



658D83



79B8A8



65848D



404746



008765



000806

Inverse Universe

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



8D656F



B87989



8D6F65



474042



870022



080002

Previews

White Background



This preview shows how the Hex color 658D83 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

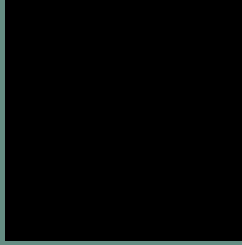
Any Text WCAG AA ✓ Pass

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 658D83 Background



This preview shows how black text looks on a background with the Hex color 658D83.

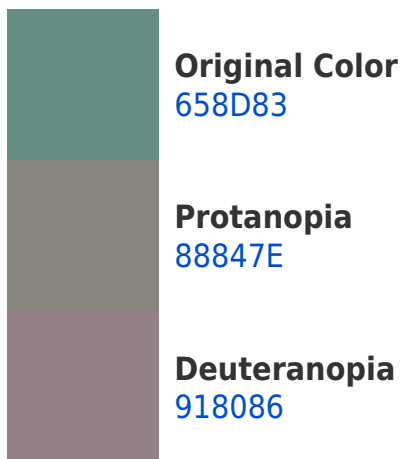



This preview shows how white text looks on a background with the Hex color 658D83.

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
698A95

Trichromacy



Original Color
658D83

Protanomaly
7B8780

Deuteranomaly
818585

Tritanomaly
688B8E

Monochromacy



Original Color
658D83

Achromatopsia
808080

Achromatomaly
768581

CSS Examples

Text

The CSS property to change the color of the text to Hex 658D83 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 #658D83 looks like.

```
.text, #text, p{  
    color:#658D83  
}
```

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 #658D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658D83
}
```

Border

The CSS property to change the border of an element to Hex 658D83 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
#658D83 }
```

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

```
.border{ border-color:#658D83 }
```

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

Here you see how a box with a 4 pixel #658D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658D83; -webkit-box-shadow:4px 4px  
4px 4px #658D83; box-shadow:4px 4px 4px  
4px #658D83 }
```

Background

The CSS property to change the background color of an element to Hex 658D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658D83 }
```

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

```
.background{ background-color:#658D83 }
```

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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