

Converting Colors

Hex(578A82)

Have a look what the booklet for
Hex(578A82) contains.

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Color

Hex(578A82)

Conversions

Conversions Part 1

Format	Color
Hex	578A82
RGB	87, 138, 130
RGB Percent	34%, 54%, 51%
CMY	0.6588, 0.4588, 0.4902
CMYK	0.37, 0.00, 0.06, 0.46
HSL	171°, 23%, 44%
HSV	171°, 37%, 54%
XYZ	17.0482, 21.8149, 24.4313
YIQ	121.8390, -27.8280, -13.3000

Conversions

Conversions Part 2

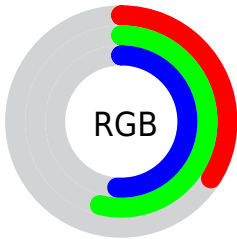
Format	Color
RYB	87, 115, 138
Decimal	5737090
CIELab	53.83, -19.01, -1.14
CIELCh	54, 19.046, 183.418
Yxy	21.8149, 0.2693, 0.3447
Android (android.graphics.Color)	4283927170 (0xFF578A82)
YUV	121.8390, 4.0234, -30.5538
Hunter-Lab	46.7064, -16.5823, 1.6810

Details

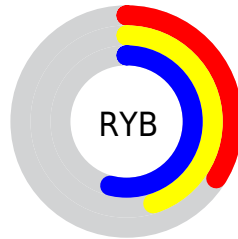
The Hex color **578A82** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A575F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8BC0B7**, and **255851** is the 20% darker color. If you saturate the color by 10%, you get **498A80**, and if you desaturate by 10%, it is **658A84**.

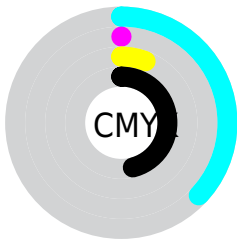
Distribution



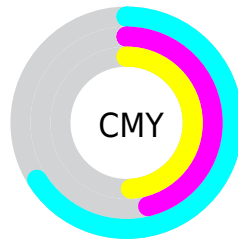
- Red (34%)
- Green (54%)
- Blue (51%)



- Red (34%)
- Yellow (45%)
- Blue (54%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (46%)



- Cyan (66%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578A82 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 578A82 by changing the saturation by 10% instead.



578A82



578A82

FFFFFF



3E7069



8BC0B7



255851



A6DCD2



08403A



C2F8EF



002A24



DEFFFF



00160F



FBFFFF



000000



578A82



578A82



498A80



658A84



3B8A7E



738A86

■ 2E8A7C

■ 808A88

■ 208A79

■ 8E8A8B

■ 128A77

■ 9C8A8D

■ 048A75

■ AA8A8F

■ 008A74

■ B88A91

■ C58A93

■ D38A95

Harmonies

Analogous

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



668971



578A82



528992

Triad

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



578A82



867C9C



997B64

Complementary

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



578A82



8A575F

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.



A1766F



578A82



987790

Square

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



578A82



6F81A1



A1757F



8B8060

Rectangle

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



578A82



56889A



A1757F



9D7967

Sweetspot

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



578A82



9FB3AF



5F8A57



4E5957



D9D9D9



595959

Same Dimension

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



578A82



64B3A6



57798A



3E4544



008570



000504

Inverse Universe

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



8A575F



B36470



8A6857



453E3F



850015



050001

Previews

White Background



This preview shows how the Hex color 578A82 looks on a white background.

Color Contrast Check

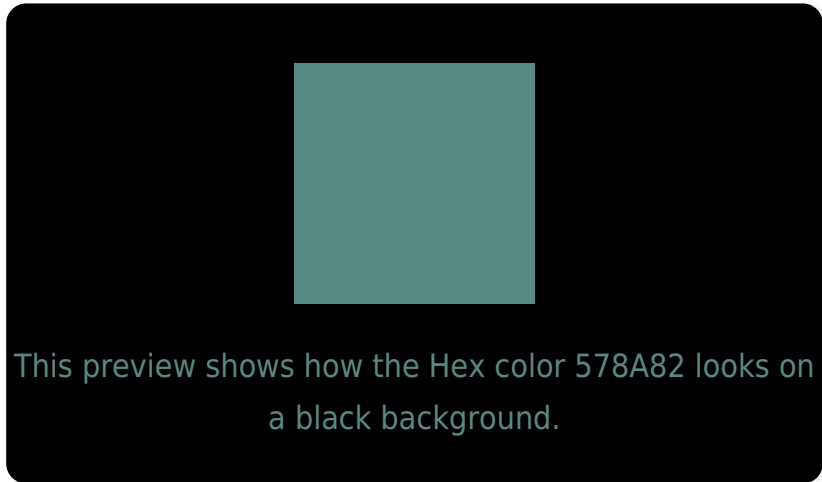
Large Text (above 18pt) WCAG AA ✓ Pass

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

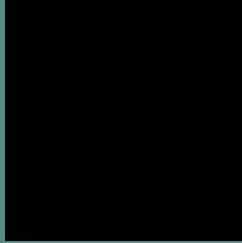
Any Text WCAG AA ✓ Pass

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 578A82 Background



This preview shows how black text looks on a background with the Hex color 578A82.

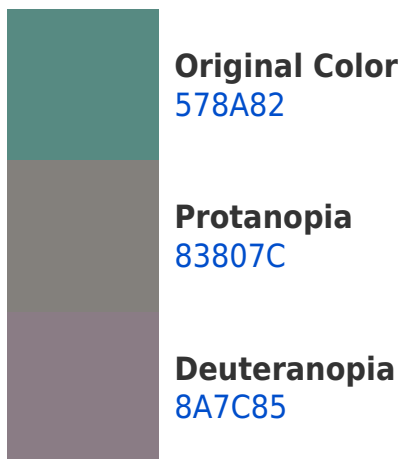


This preview shows how white text looks on a background with the Hex color 578A82.

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
5B8892

Trichromacy



Original Color
578A82

Protanomaly
73847E

Deuteranomaly
778184

Tritanomaly
5A898C

Monochromacy



Original Color
578A82

Achromatopsia
7A7A7A

Achromatomaly
6D807D

CSS Examples

Text

The CSS property to change the color of the text to Hex 578A82 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 #578A82 looks like.

```
.text, #text, p{  
    color:#578A82  
}
```

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 #578A82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578A82
}
```

Border

The CSS property to change the border of an element to Hex 578A82 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
#578A82 }
```

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

```
.border{ border-color:#578A82 }
```

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

Here you see how a box with a 4 pixel #578A82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578A82; -webkit-box-shadow:4px 4px  
4px 4px #578A82; box-shadow:4px 4px 4px  
4px #578A82 }
```

Background

The CSS property to change the background color of an element to Hex 578A82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578A82 }
```

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

```
.background{ background-color:#578A82 }
```

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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