

Converting Colors

Hex(578F91)

Have a look what the booklet for
Hex(578F91) contains.

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Color

Hex(578F91)

Conversions

Conversions Part 1

Format	Color
Hex	578F91
RGB	87, 143, 145
RGB Percent	34%, 56%, 57%
CMY	0.6588, 0.4392, 0.4314
CMYK	0.40, 0.01, 0.00, 0.43
HSL	182°, 25%, 45%
HSV	182°, 40%, 57%
XYZ	18.8638, 23.7155, 30.3714
YIQ	126.4840, -34.0180, -11.2500

Conversions

Conversions Part 2

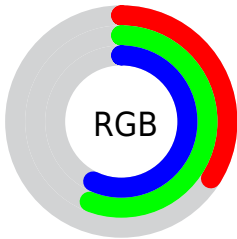
Format	Color
RYB	87, 115, 145
Decimal	5738385
CIELab	55.80, -17.84, -6.88
CIElCh	56, 19.118, 201.093
Yxy	23.7155, 0.2586, 0.3251
Android (android.graphics.Color)	4283928465 (0xFF578F91)
YUV	126.4840, 9.1284, -34.6275
Hunter-Lab	48.6986, -16.0791, -2.8879

Details

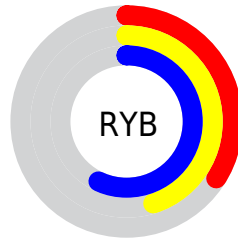
The Hex color **578F91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **915957**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **8CC5C7**, and **225C5F** is the 20% darker color. If you saturate the color by 10%, you get **498F91**, and if you desaturate by 10%, it is **669091**.

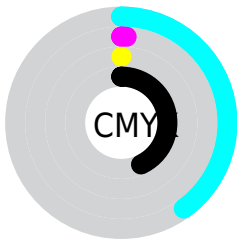
Distribution



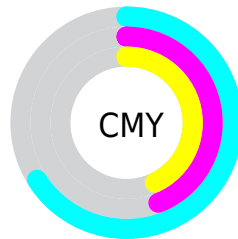
- Red (34%)
- Green (56%)
- Blue (57%)



- Red (34%)
- Yellow (45%)
- Blue (57%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (66%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578F91 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 578F91 by changing the saturation by 10% instead.

■ 578F91

■ 578F91

FFFFFF

■ 3D7577

■ 8CC5C7

■ 225C5F

■ A7E1E3

■ 004547

■ C3FEFF

■ 002E31

■ E0FFFF

■ 001B1C

■ F0FFFF

■ 000000

■ 578F91

■ 578F91

■ 498F91

■ 669091

■ 3A8E91

■ 749091

■ 2C8E91

■ 839191

■ 1D8D91

■ 919191

■ 0E8D91

■ A09291

■ 008C91

■ AE9291

■ BD9391

■ CB9391

■ DA9391

Harmonies

Analogous

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



618F80



578F91



5A8D9F

Triad

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



578F91



967E9B



978365

Complementary

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



578F91



915957

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.



A37E6D



578F91



A47A8B

Square

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



578F91



8283A5



A87A7B



868867

Rectangle

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



578F91



658AA5



A87A7B



9C8167

Sweetspot

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



578F91



A6BCBD



579159



515E5E



DEDEDE



5E5E5E

Same Dimension

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



578F91



62BABD



577291



404747



008287



000708

Inverse Universe

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



91578F



BD62BA



917657



474047



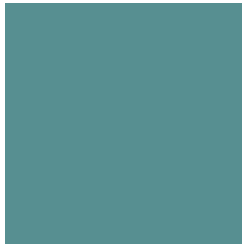
870082



080007

Previews

White Background



This preview shows how the Hex color 578F91 looks on a white background.

Color Contrast Check

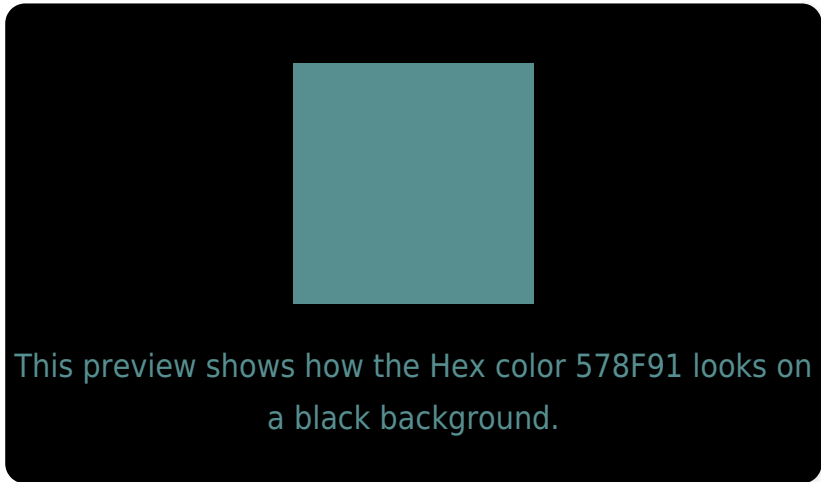
Large Text (above 18pt) WCAG AA ✓ Pass

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

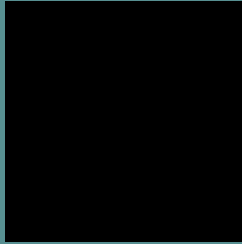
Any Text WCAG AA ✓ Pass

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 578F91 Background



This preview shows how black text looks on a background with the Hex color 578F91.

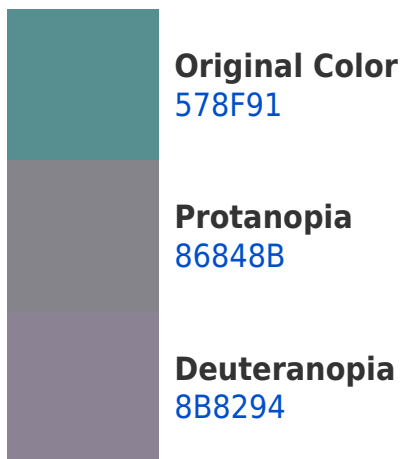


This preview shows how white text looks on a background with the Hex color 578F91.

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
598E99

Trichromacy



Original Color
578F91

Protanomaly
75888D

Deuteranomaly
788793

Tritanomaly
588E96

Monochromacy



Original Color
578F91

Achromatopsia
7E7E7E

Achromatomaly
708485

CSS Examples

Text

The CSS property to change the color of the text to Hex 578F91 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 #578F91 looks like.

```
.text, #text, p{  
    color:#578F91  
}
```

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 #578F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578F91
}
```

Border

The CSS property to change the border of an element to Hex 578F91 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
#578F91 }
```

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

```
.border{ border-color:#578F91 }
```

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

Here you see how a box with a 4 pixel #578F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578F91; -webkit-box-shadow:4px 4px  
4px 4px #578F91; box-shadow:4px 4px 4px  
4px #578F91 }
```

Background

The CSS property to change the background color of an element to Hex 578F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578F91 }
```

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

```
.background{ background-color:#578F91 }
```

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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