

Converting Colors

Hex(568C92)

Have a look what the booklet for
Hex(568C92) contains.

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Color

Hex(568C92)

Conversions

Conversions Part 1

Format	Color
Hex	568C92
RGB	86, 140, 146
RGB Percent	34%, 55%, 57%
CMY	0.6627, 0.4510, 0.4275
CMYK	0.41, 0.04, 0.00, 0.43
HSL	186°, 26%, 45%
HSV	186°, 41%, 57%
XYZ	18.4041, 22.8099, 30.6269
YIQ	124.5380, -34.1100, -9.5820

Conversions

Conversions Part 2

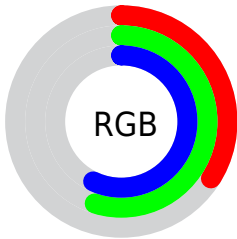
Format	Color
RYB	86, 114, 146
Decimal	5672082
CIELab	54.88, -16.24, -8.84
CIELCh	55, 18.487, 208.574
Yxy	22.8099, 0.2562, 0.3175
Android (android.graphics.Color)	4283862162 (0xFF568C92)
YUV	124.5380, 10.5808, -33.7978
Hunter-Lab	47.7597, -14.7948, -4.5891

Details

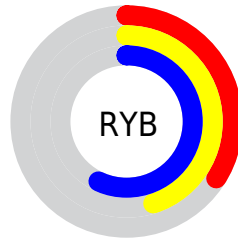
The Hex color **568C92** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **925C56**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8BC2C8**, and **215A60** is the 20% darker color. If you saturate the color by 10%, you get **478B92**, and if you desaturate by 10%, it is **658D92**.

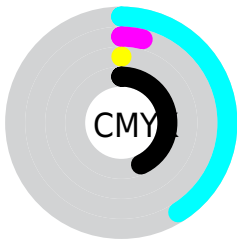
Distribution



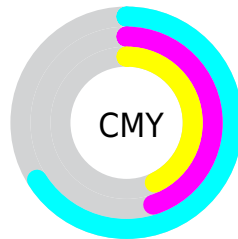
- Red (34%)
- Green (55%)
- Blue (57%)



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



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (66%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 568C92 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 568C92 by changing the saturation by 10% instead.

■ 568C92

■ 568C92

FFFFFF

■ 3C7278

■ 8BC2C8

■ 215A60

■ A6DEE4

■ 004248

■ C2FAFF

■ 002C31

■ DFFFFF

■ 00191C

■ FFFFFFFF

■ 000000

■ 568C92

■ 568C92

■ 478B92

■ 658D92

■ 398992

■ 738F92

■ 2A8892

■ 829092

■ 1C8692

■ 909292

■ 0D8592

■ 9F9392

■ 008392

■ AE9592

■ BC9692

■ CB9892

■ D99992

Harmonies

Analogous

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



5D8C82



568C92



5D899E

Triad

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



568C92



977B94



908264

Complementary

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



568C92



925C56

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.



9D7D69



568C92



A27885

Square

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



568C92



857F9F



A47975



7F8767

Rectangle

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



568C92



6887A2



A47975



958064

Sweetspot

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



568C92



A6BABD



56925C



515D5E



DEDEDE



5E5E5E

Same Dimension

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



568C92



60B3BD



566F92



43494A



007C8A



00090A

Inverse Universe

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



92568C



BD60B3



927A56



4A4349



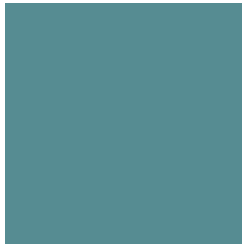
8A007C



0A0009

Previews

White Background



This preview shows how the Hex color 568C92 looks on a white background.

Color Contrast Check

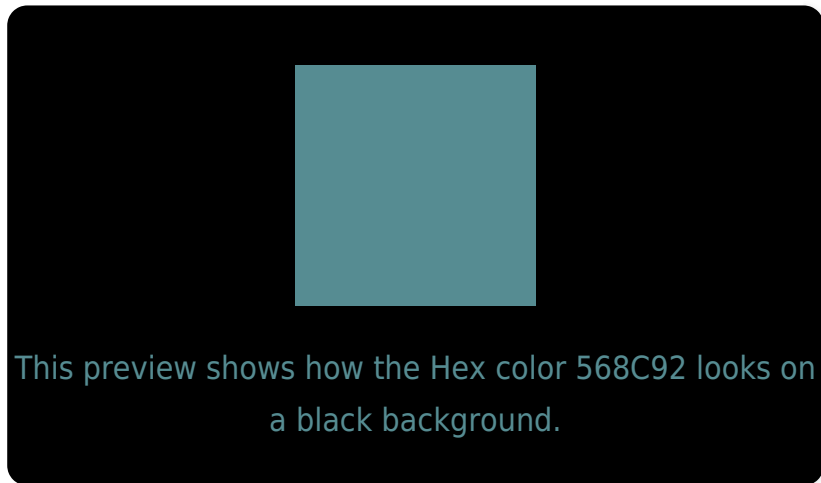
Large Text (above 18pt) WCAG AA ✓ Pass

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

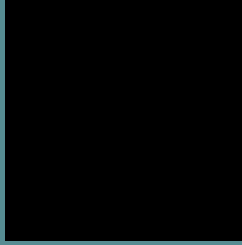
Any Text WCAG AA ✓ Pass

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 568C92 Background



This preview shows how black text looks on a background with the Hex color 568C92.

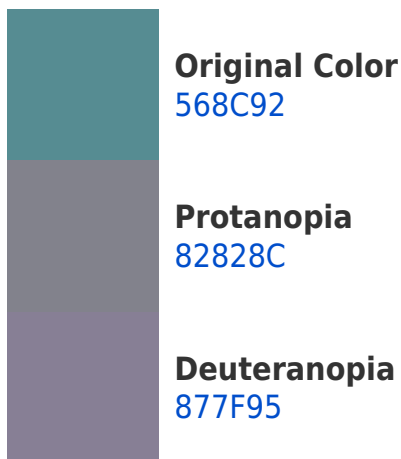


This preview shows how white text looks on a background with the Hex color 568C92.

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
578B97

Trichromacy



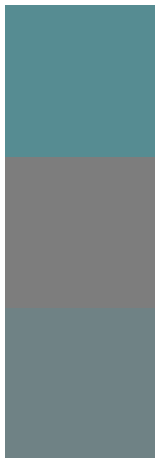
Original Color
568C92

Protanomaly
72868E

Deuteranomaly
758494

Tritanomaly
578B95

Monochromacy



Original Color
568C92

Achromatopsia
7D7D7D

Achromatomaly
6F8285

CSS Examples

Text

The CSS property to change the color of the text to Hex 568C92 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 #568C92 looks like.

```
.text, #text, p{  
    color:#568C92  
}
```

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 #568C92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568C92
}
```

Border

The CSS property to change the border of an element to Hex 568C92 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
#568C92 }
```

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

```
.border{ border-color:#568C92 }
```

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

Here you see how a box with a 4 pixel #568C92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568C92; -webkit-box-shadow:4px 4px  
4px 4px #568C92; box-shadow:4px 4px 4px  
4px #568C92 }
```

Background

The CSS property to change the background color of an element to Hex 568C92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568C92 }
```

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

```
.background{ background-color:#568C92 }
```

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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