

# Converting Colors

Hex(568DA2)

Have a look what the booklet for  
Hex(568DA2) contains.

<b>Hex(568DA2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(568DA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	568DA2
RGB	86, 141, 162
RGB Percent	34%, 55%, 64%
CMY	0.6627, 0.4471, 0.3647
CMYK	0.47, 0.13, 0.00, 0.36
HSL	197°, 31%, 49%
HSV	197°, 47%, 64%
XYZ	19.8842, 23.6368, 37.6968
YIQ	126.9490, -39.5210, -5.1290

# Conversions

## Conversions Part 2

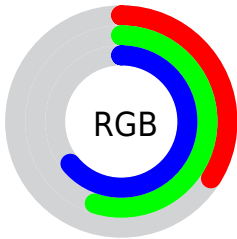
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 118, 162
Decimal	5672354
CIE <sub>Lab</sub>	55.72, -12.33, -16.78
CIE <sub>LCh</sub>	56, 20.819, 233.691
Yxy	23.6368, 0.2448, 0.2910
Android (android.graphics.Color)	4283862434 (0xFF568DA2)
YUV	126.9490, 17.2801, -35.9123
Hunter-Lab	48.6177, -12.0761, -11.9394

# Details

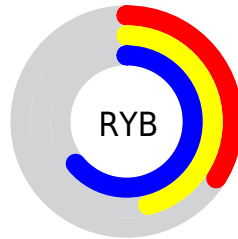
The Hex color **568DA2** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A26B56**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8CC3D9**, and **1E5B6E** is the 20% darker color. If you saturate the color by 10%, you get **4689A2**, and if you desaturate by 10%, it is **6691A2**.

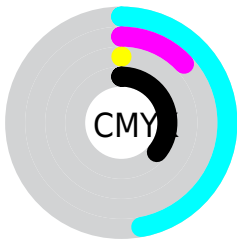
# Distribution



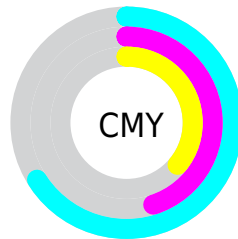
- Red (34%)
- Green (55%)
- Blue (64%)



- Red (34%)
- Yellow (46%)
- Blue (64%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (66%)
- Magenta (45%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 568DA2 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 568DA2 by changing the saturation by 10% instead.



■ 568DA2

■ 568DA2

FFFFFF

■ 3B7388

■ 8CC3D9

■ 1E5B6E

■ A7DFF5

■ 004356

■ C4FBFF

■ 002D3F

■ E0FFFF

■ 001929

FEFFFF

■ 000114

■ 000000

■ 568DA2

■ 568DA2

■ 4689A2

■ 6691A2

■ 3684A2

■ 7696A2

■ 2580A2

■ 879AA2

■ 157BA2

■ 979FA2

■ 0577A2

■ A7A3A2

■ 0075A2

■ B7A8A2

■ C7ACA2

■ D8B1A2

■ E8B5A2

# Harmonies

## Analogous

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



518F93



568DA2



6A88A9

# Triad

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



568DA2



A7798A



848964

# Complementary

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



568DA2



A26B56

# 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.



968362



568DA2



AA7978

# Square

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



568DA2



997C9B



A47D69



6F8D70

# Rectangle

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



568DA2



7B84A8



A47D69



8A8762



# Sweetspot

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



568DA2



B6CBD4



56A26A



59666B



EBEBEB



6B6B6B



# Same Dimension

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



568DA2



5DB3D4



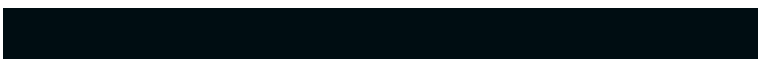
5668A2



494F52



006991



000D12



# Inverse Universe

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



A2568D



D45DB3



A29056



52494F



910069

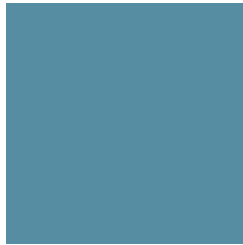


12000D



# Previews

## White Background



This preview shows how the Hex color 568DA2 looks on a white background.

## Color Contrast Check

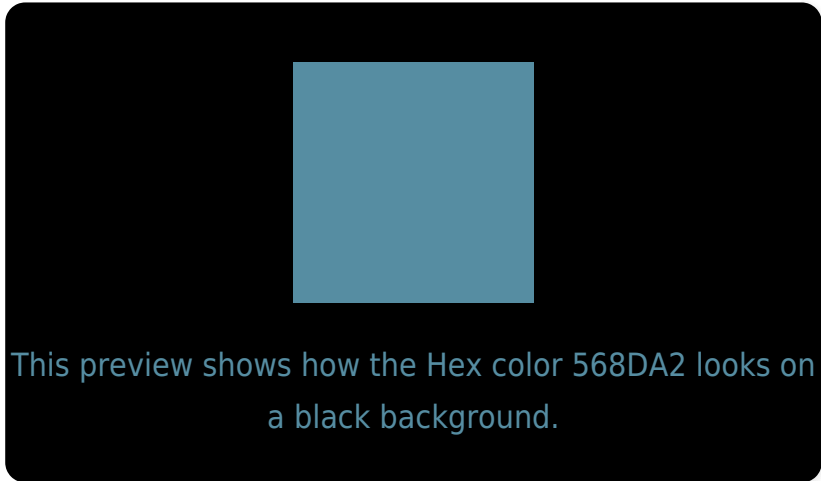
Large Text (above 18pt) WCAG AA ✓ Pass

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

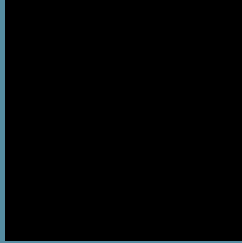
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 568DA2 Background



This preview shows how black text looks on a background with the Hex color 568DA2.



This preview shows how white text looks on a background with the Hex color 568DA2.

# 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](#).

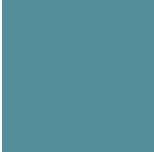
## Dichromacy



**Original Color**  
568DA2

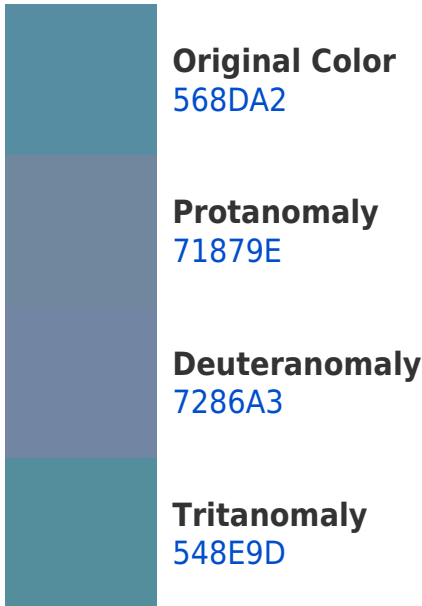
**Protanopia**  
80849C

**Deuteranopia**  
8282A4

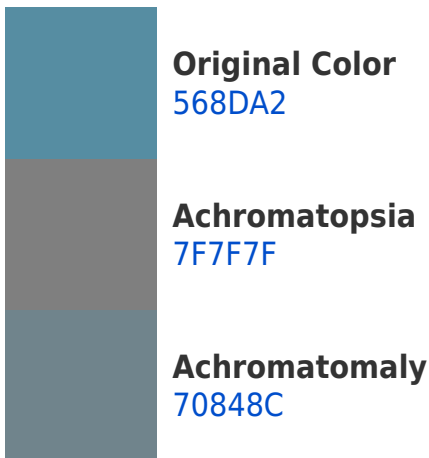


**Tritanopia**  
538E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 568DA2 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 #568DA2 looks like.

```
.text, #text, p{  
    color:#568DA2  
}
```

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 #568DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568DA2
}
```

## Border

The CSS property to change the border of an element to Hex 568DA2 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
#568DA2 }
```

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

```
.border{ border-color:#568DA2 }
```

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

Here you see how a box with a 4 pixel #568DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568DA2; -webkit-box-shadow:4px 4px  
4px 4px #568DA2; box-shadow:4px 4px 4px  
4px #568DA2 }
```

# Background

The CSS property to change the background color of an element to Hex 568DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568DA2 }
```

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

```
.background{ background-color:#568DA2 }
```

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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