

Converting Colors

Hex(578BAD)

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

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Color

Hex(578BAD)

Conversions

Conversions Part 1

Format	Color
Hex	578BAD
RGB	87, 139, 173
RGB Percent	34%, 55%, 68%
CMY	0.6588, 0.4549, 0.3216
CMYK	0.50, 0.20, 0.00, 0.32
HSL	204°, 34%, 51%
HSV	204°, 50%, 68%
XYZ	20.7059, 23.5086, 42.9815
YIQ	127.3280, -41.9060, -0.4500

Conversions

Conversions Part 2

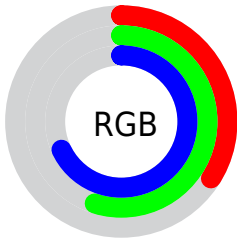
Format	Color
R_{YB}	87, 119, 173
Decimal	5737389
CIE _{Lab}	55.59, -7.73, -23.28
CIE _{LCh}	56, 24.530, 251.621
Yxy	23.5086, 0.2375, 0.2696
Android (android.graphics.Color)	4283927469 (0xFF578BAD)
YUV	127.3280, 22.5163, -35.3677
Hunter-Lab	48.4857, -8.6211, -18.6193

Details

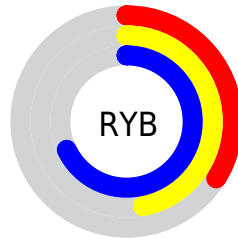
The Hex color **578BAD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AD7957**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **8EC0E5**, and **1D5979** is the 20% darker color. If you saturate the color by 10%, you get **4684AD**, and if you desaturate by 10%, it is **6892AD**.

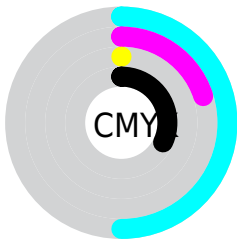
Distribution



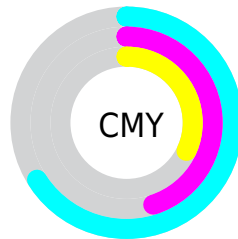
- Red (34%)
- Green (55%)
- Blue (68%)



- Red (34%)
- Yellow (47%)
- Blue (68%)



- Cyan (50%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (66%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients

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

■ 578BAD

■ 578BAD

FFFFFF

■ 3C7292

■ 8EC0E5

■ 1D5979

■ A9DCFF

■ 004260

■ C6F9FF

■ 002C48

■ E3FFFF

■ 001831

■ 00021C

■ 000000

■ 578BAD

■ 578BAD

■ 4684AD

■ 6892AD

■ 347DAD

■ 7A99AD

■ 2376AD

■ 8BA0AD

■ 1270AD

■ 9CA6AD

■ 0169AD

■ AEADAD

■ 0069AD

■ BFB4AD

■ D0BBAD

■ E1C2AD

■ F3C9AD

Harmonies

Analogous

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



438FA1



578BAD



7684AF

Triad

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



578BAD



B0757E



748C65

Complementary

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



578BAD



AD7957

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.



8C865B



578BAD



AD796A

Square

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



578BAD



A77793



A07F5D



5B9077

Rectangle

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



578BAD



8A7FA9



A07F5D



7C8B60

Sweetspot

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



578BAD



BFD3E0



57AD78



5C6870



F0F0F0



707070

Same Dimension

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



578BAD



5AABE0



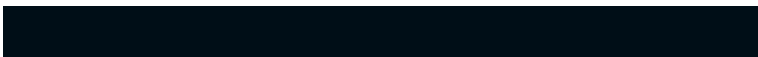
5761AD



4E5357



005B96



000E17

Inverse Universe

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



AD578B



E05AAB



ADA357



574E53



96005B



17000E

Previews

White Background



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

Color Contrast Check

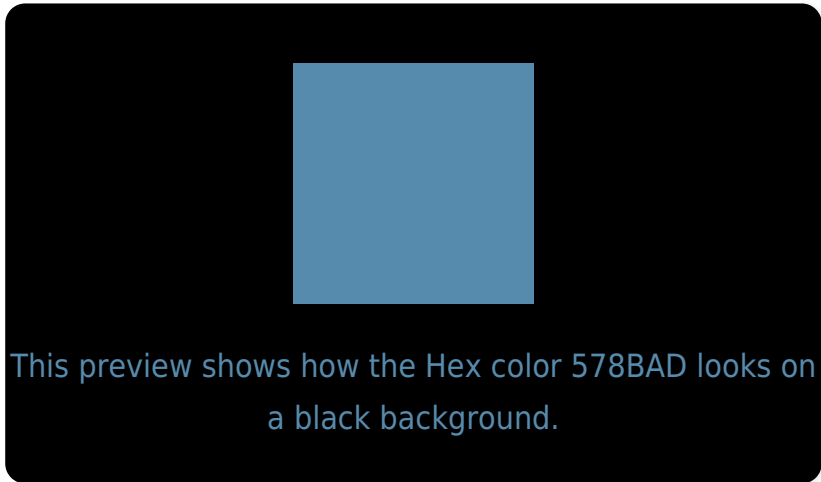
Large Text (above 18pt) WCAG AA ✓ Pass

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

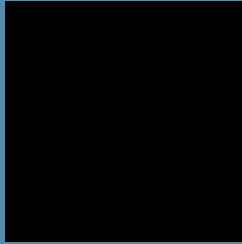
Any Text WCAG AA ✓ Pass

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 578BAD Background



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

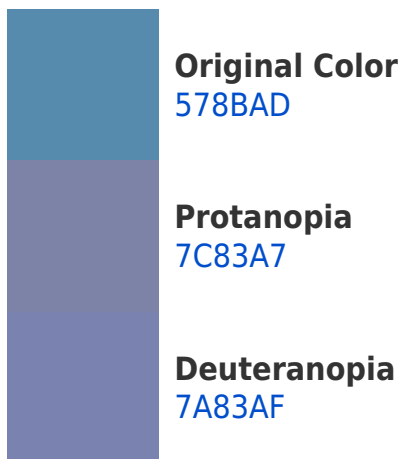


This preview shows how white text looks on a background with the Hex color 578BAD.

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](#).

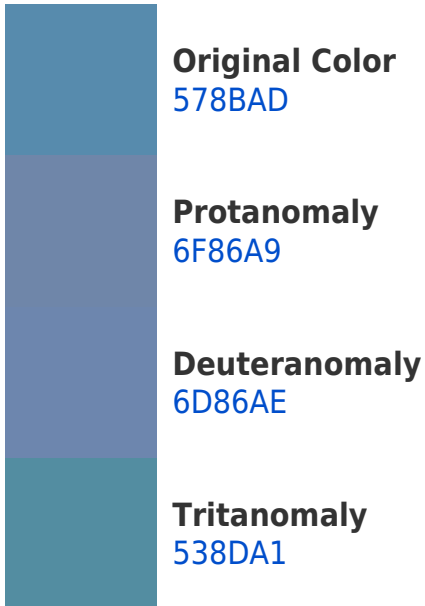
Dichromacy



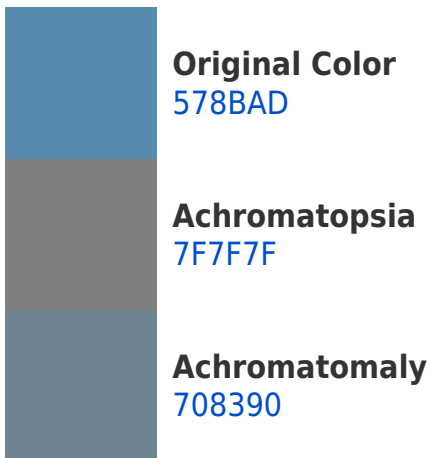


Tritanopia
518E9A

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #578BAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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