

Converting Colors

Hex(4578D9)

Have a look what the booklet for
Hex(4578D9) contains.

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Color

Hex(4578D9)

Conversions

Conversions Part 1

Format	Color
Hex	4578D9
RGB	69, 120, 217
RGB Percent	27%, 47%, 85%
CMY	0.7294, 0.5294, 0.1490
CMYK	0.68, 0.45, 0.00, 0.15
HSL	219°, 66%, 56%
HSV	219°, 68%, 85%
XYZ	21.6951, 19.7079, 68.3062
YIQ	115.8090, -61.5330, 19.3550

Conversions

Conversions Part 2

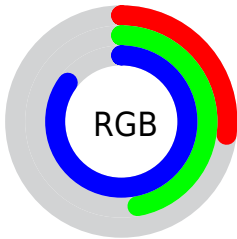
Format	Color
R_{YB}	69, 107, 217
Decimal	4552921
CIE _{Lab}	51.51, 14.60, -54.82
CIE _{LCh}	52, 56.732, 284.912
Yxy	19.7079, 0.1978, 0.1796
Android (android.graphics.Color)	4282743001 (0xFF4578D9)
YUV	115.8090, 49.8872, -41.0515
Hunter-Lab	44.3936, 9.5440, -60.1510

Details

The Hex color **4578D9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **D9A645**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **84ACFF**, and **0048A1** is the 20% darker color. If you saturate the color by 10%, you get **2F6AD9**, and if you desaturate by 10%, it is **5B86D9**.

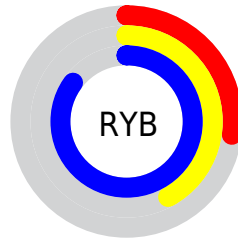
Distribution



Red (27%)

Green (47%)

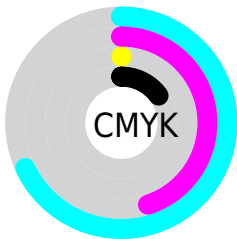
Blue (85%)



Red (27%)

Yellow (42%)

Blue (85%)

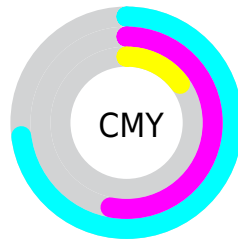


Cyan (68%)

Magenta (45%)

Yellow (0%)

Black (15%)



Cyan (73%)

Magenta (53%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4578D9 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 4578D9 by changing the saturation by 10% instead.

■ 4578D9

■ 4578D9

FFFFFF

■ 1A60BD

■ 84ACFF

■ 0048A1

■ A2C7FF

■ 003387

■ C0E3FF

■ 001F6D

■ DEFFFF

■ 000554

■ FCFFFF

■ 00063C

■ 000225

■ 00010E

■ 000000

■ 4578D9

■ 4578D9

■ 2F6AD9

■ 5B86D9

■ 1A5CD9

■ 7094D9

■ 044DD9

■ 86A3D9

■ 004BD9

■ 9CB1D9

■ B2BFD9

■ C7CDD9

■ DDDCD9

■ F3EAD9

■ FFF8D9

Harmonies

Analogous

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



0087D8



4578D9



9C63C0

Triad

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



4578D9



C65B38



009060

Complementary

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



4578D9



D9A645

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.



438A31



4578D9



A76F11

Square

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



4578D9



D24B65



7C8008



009292

Rectangle

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



4578D9



BB54A5



7C8008



008F4F

Sweetspot

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



4578D9



CCDEFF



45D9A5



616B80



000000



808080

Same Dimension

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



4578D9



2E76FF



5B45D9



63666E



003CAD



00102E

Inverse Universe

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



D94578



FF2E76



C3D945



6E6366



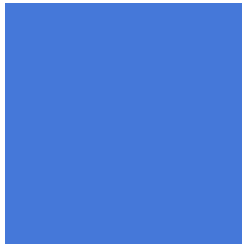
AD003C



2E0010

Previews

White Background



This preview shows how the Hex color 4578D9 looks on a white background.

Color Contrast Check

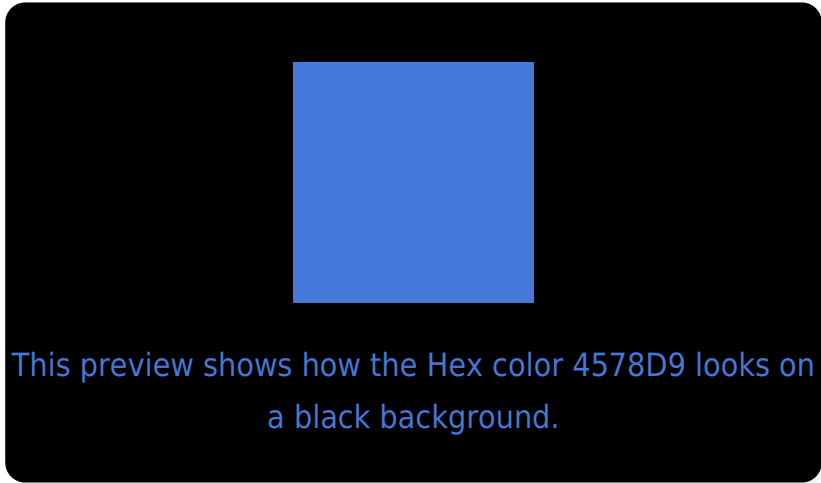
Large Text (above 18pt) WCAG AA ✓ Pass

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

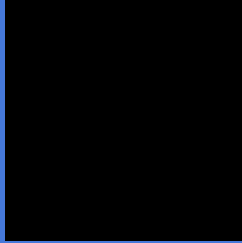
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

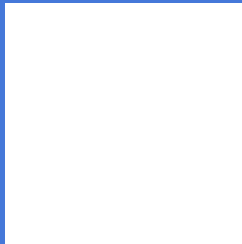
Any Text WCAG AAA × Fail

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

Hex 4578D9 Background



This preview shows how black text looks on a background with the Hex color 4578D9.

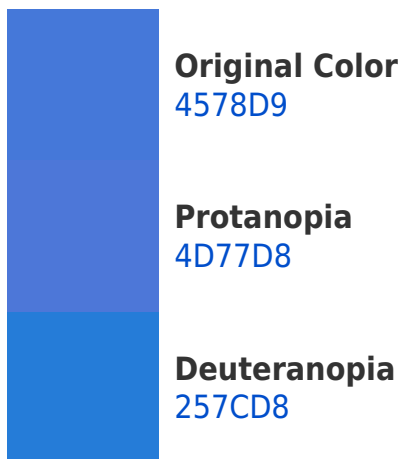


This preview shows how white text looks on a background with the Hex color 4578D9.

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](#).

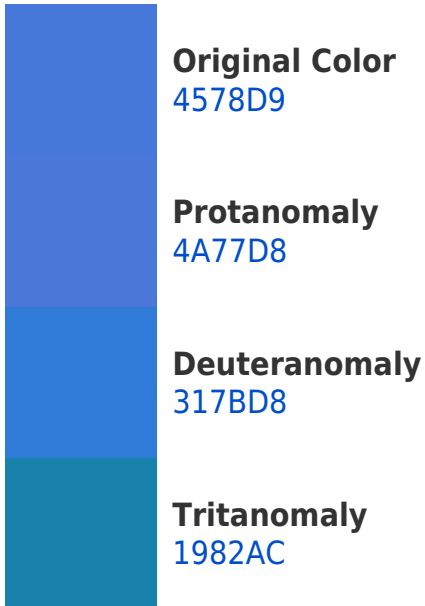
Dichromacy



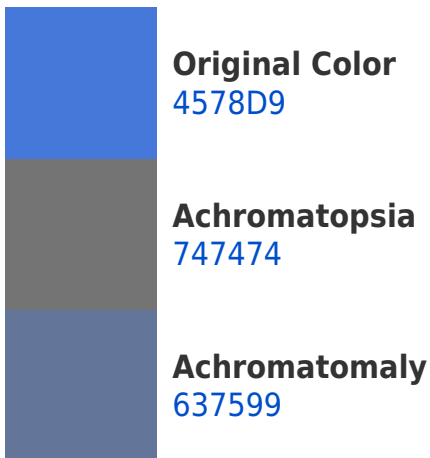


Tritanopia
008893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4578D9 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 #4578D9 looks like.

```
.text, #text, p{  
    color:#4578D9  
}
```

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 #4578D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4578D9
}
```

Border

The CSS property to change the border of an element to Hex 4578D9 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
#4578D9 }
```

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

```
.border{ border-color:#4578D9 }
```

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

Here you see how a box with a 4 pixel #4578D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4578D9; -webkit-box-shadow:4px 4px  
4px 4px #4578D9; box-shadow:4px 4px 4px  
4px #4578D9 }
```

Background

The CSS property to change the background color of an element to Hex 4578D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4578D9 }
```

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

```
.background{ background-color:#4578D9 }
```

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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