

Converting Colors

Hex(458AE6)

Have a look what the booklet for
Hex(458AE6) contains.

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Color

Hex(458AE6)

Conversions

Conversions Part 1

Format	Color
Hex	458AE6
RGB	69, 138, 230
RGB Percent	27%, 54%, 90%
CMY	0.7294, 0.4588, 0.0980
CMYK	0.70, 0.40, 0.00, 0.10
HSL	214°, 76%, 59%
HSV	214°, 70%, 90%
XYZ	25.8257, 25.1553, 78.3572
YIQ	127.8570, -70.6560, 13.9840

Conversions

Conversions Part 2

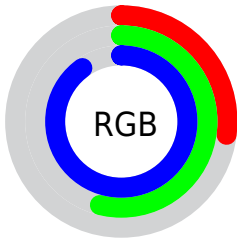
Format	Color
R _{YB}	69, 117, 230
Decimal	4557542
CIE Lab	57.23, 8.22, -52.97
CIE LCh	57, 53.608, 278.817
Yxy	25.1553, 0.1997, 0.1945
Android (android.graphics.Color)	4282747622 (0xFF458AE6)
YUV	127.8570, 50.3565, -51.6176
Hunter-Lab	50.1551, 4.1410, -57.5201

Details

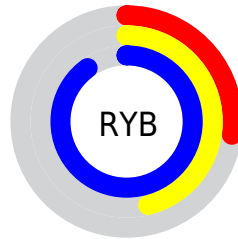
The Hex color **458AE6** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **E6A145**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **86BFFF**, and **0059AE** is the 20% darker color. If you saturate the color by 10%, you get **2E7DE6**, and if you desaturate by 10%, it is **5C97E6**.

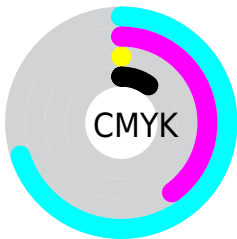
Distribution



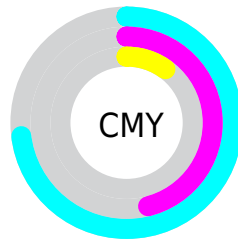
- Red (27%)
- Green (54%)
- Blue (90%)



- Red (27%)
- Yellow (46%)
- Blue (90%)



- Cyan (70%)
- Magenta (40%)
- Yellow (0%)
- Black (10%)



- Cyan (73%)
- Magenta (46%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458AE6 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 458AE6 by changing the saturation by 10% instead.

■ 458AE6

■ 458AE6

FFFFFF

■ 1671CA

■ 86BFFF

■ 0059AE

■ A5DBFF

■ 004293

■ C3F7FF

■ 002D79

■ E1FFFF

■ 001A5F

■ 000847

■ 00042F

■ 00011A

■ 000000

■ 458AE6

■ 458AE6

■ 2E7DE6

■ 5C97E6

■ 1770E6

■ 73A4E6

■ 0063E6

■ 8AB1E6

■ A1BFE6

■ B8CCE6

■ CFD9E6

■ E6E6E6

■ FDF3E6

■ FFFFE6

Harmonies

Analogous

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



0097E0



458AE6



9E77D3

Triad

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



458AE6



D86951



009E66

Complementary

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



458AE6



E6A145

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.



63973C



458AE6



BD7B2F

Square

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



458AE6



DF5E7D



958B24



00A096

Rectangle

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



458AE6



C06ABB



958B24



329C57

Sweetspot

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



458AE6



C9E0FF



45E6A0



606D80



000000



808080

Same Dimension

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



458AE6



2985FF



5045E6



676C73



004CB3



001633

Inverse Universe

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



E6458A



FF2985



DBE645



73676C



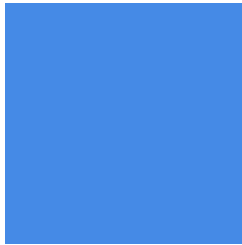
B3004C



330016

Previews

White Background



This preview shows how the Hex color 458AE6 looks on a white background.

Color Contrast Check

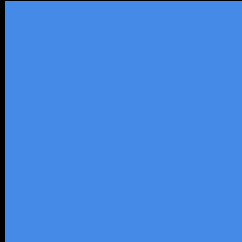
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 458AE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

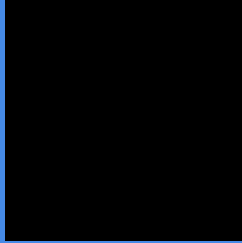
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

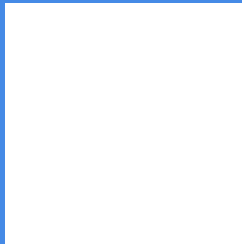
Any Text WCAG AAA × Fail

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

Hex 458AE6 Background



This preview shows how black text looks on a background with the Hex color 458AE6.

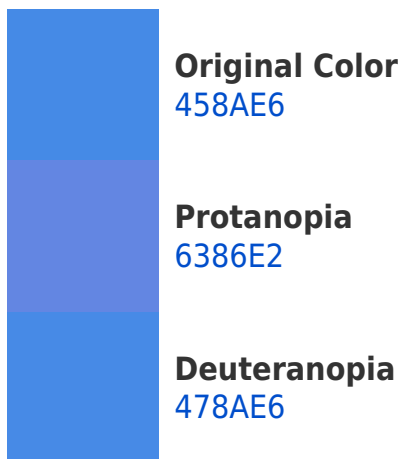


This preview shows how white text looks on a background with the Hex color 458AE6.

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](#).

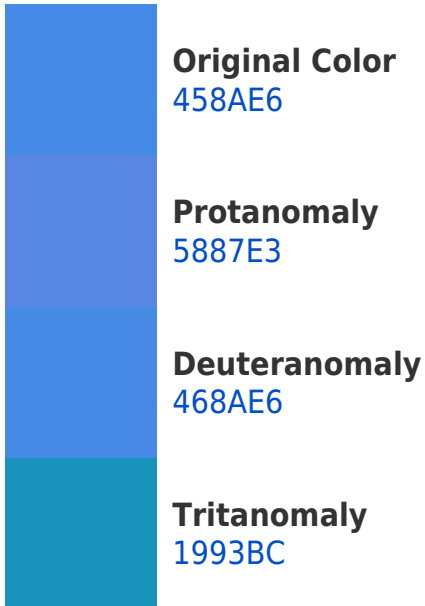
Dichromacy



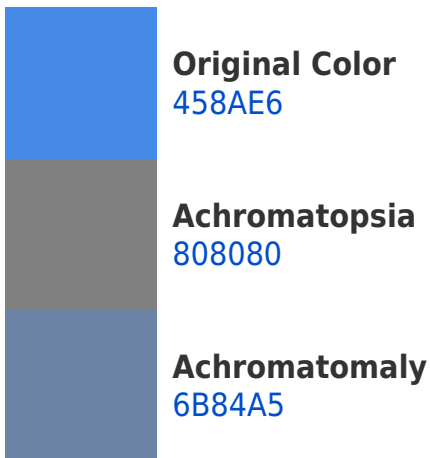


Tritanopia
0098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 458AE6 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 #458AE6 looks like.

```
.text, #text, p{  
    color:#458AE6  
}
```

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 #458AE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458AE6  
}
```

Border

The CSS property to change the border of an element to Hex 458AE6 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  
#458AE6 }
```

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

```
.border{ border-color:#458AE6 }
```

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

Here you see how a box with a 4 pixel #458AE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458AE6; -webkit-box-shadow:4px 4px  
4px 4px #458AE6; box-shadow:4px 4px 4px  
4px #458AE6 }
```

Background

The CSS property to change the background color of an element to Hex 458AE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458AE6 }
```

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

```
.background{ background-color:#458AE6 }
```

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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