

Converting Colors

Hex(508EE4)

Have a look what the booklet for
Hex(508EE4) contains.

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Color

Hex(508EE4)

Conversions

Conversions Part 1

Format	Color
Hex	508EE4
RGB	80, 142, 228
RGB Percent	31%, 56%, 89%
CMY	0.6863, 0.4431, 0.1059
CMYK	0.65, 0.38, 0.00, 0.11
HSL	215°, 73%, 60%
HSV	215°, 65%, 89%
XYZ	26.9849, 26.6529, 77.1211
YIQ	133.2660, -64.5580, 13.6020

Conversions

Conversions Part 2

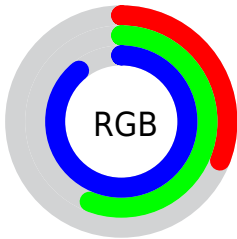
Format	Color
R _Y B	80, 124, 228
Decimal	5279460
CIE Lab	58.65, 6.85, -49.57
CIE LCh	59, 50.040, 277.866
Yxy	26.6529, 0.2064, 0.2038
Android (android.graphics.Color)	4283469540 (0xFF508EE4)
YUV	133.2660, 46.7039, -46.7143
Hunter-Lab	51.6265, 2.9546, -52.4306

Details

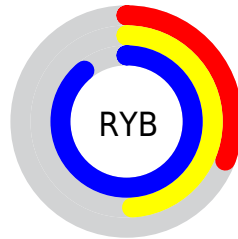
The Hex color **508EE4** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **E4A650**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8EC3FF**, and **005CAC** is the 20% darker color. If you saturate the color by 10%, you get **3981E4**, and if you desaturate by 10%, it is **679BE4**.

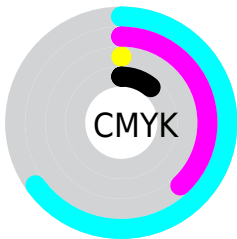
Distribution



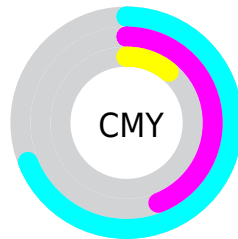
- Red (31%)
- Green (56%)
- Blue (89%)



- Red (31%)
- Yellow (49%)
- Blue (89%)



- Cyan (65%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 508EE4 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 508EE4 by changing the saturation by 10% instead.

 508EE4

 508EE4

FFFFFF

 2B75C8

 8EC3FF

 005CAC

 ACDFFF

 004591

 CAF0FF

 003077

 E8FFFF

 001C5E

 000745

 00042E

 000119

 000000

■ 508EE4

■ 508EE4

■ 3981E4

■ 679BE4

■ 2274E4

■ 7EA8E4

■ 0C66E4

■ 94B6E4

■ 0060E4

■ ABC3E4

■ C2D0E4

■ D9DDE4

■ F0EBE4

■ FFF8E4

■ FFFFE4

Harmonies

Analogous

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



009BDE



508EE4



9F7DD3

Triad

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



508EE4



D86F59



21A06A

Complementary

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



508EE4



E4A650

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.



6C9A44



508EE4



C07F3A

Square

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



508EE4



DE6683



9B8F31



00A398

Rectangle

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



508EE4



C071BC



9B8F31



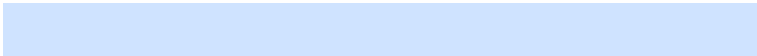
439F5C

Sweetspot

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



508EE4



CFE3FF



50E4A4



626E80



000000



808080

Same Dimension

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



508EE4



388BFF



5A50E4



676C73



004BB3



001533

Inverse Universe

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



E4508E



FF388B



DAE450



73676C



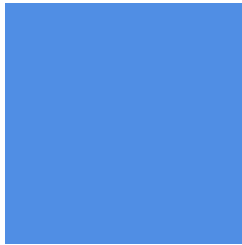
B3004B



330015

Previews

White Background



This preview shows how the Hex color 508EE4 looks on a white background.

Color Contrast Check

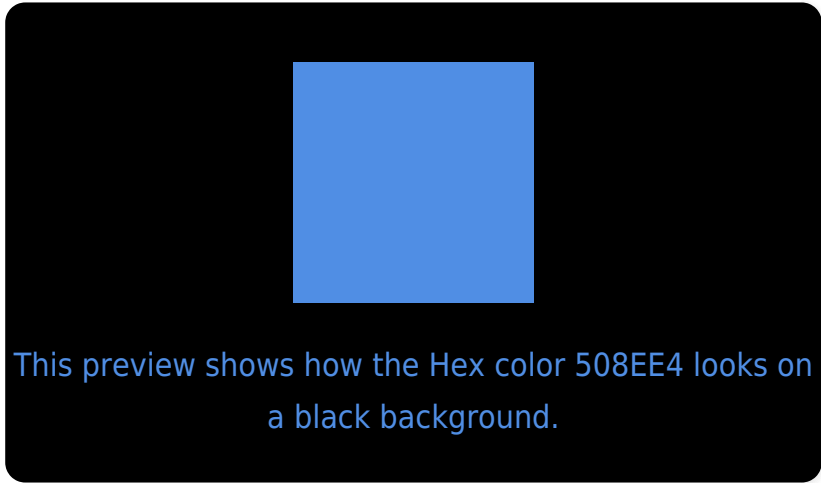
Large Text (above 18pt) WCAG AA ✓ Pass

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

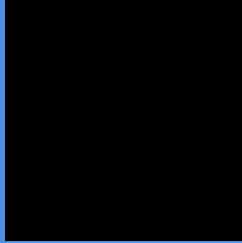
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

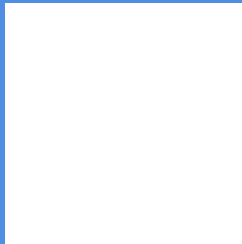
Any Text WCAG AAA × Fail

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

Hex 508EE4 Background



This preview shows how black text looks on a background with the Hex color 508EE4.

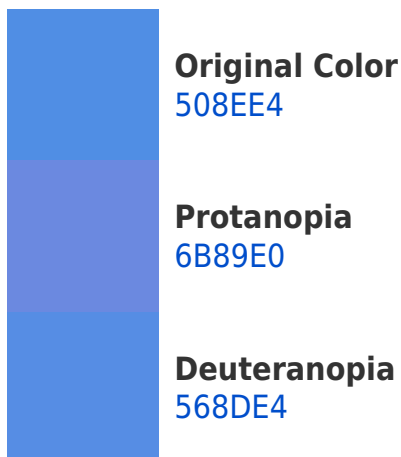


This preview shows how white text looks on a background with the Hex color 508EE4.

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](#).

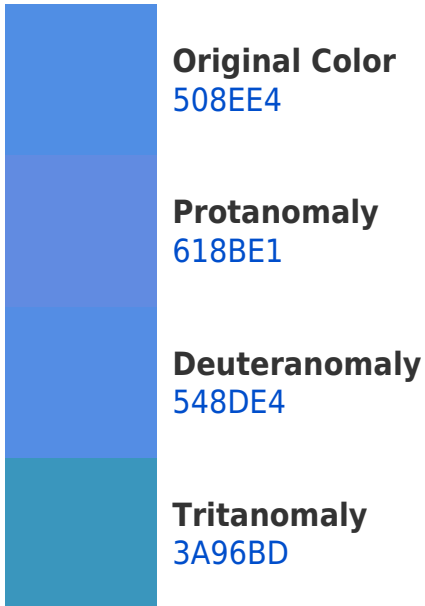
Dichromacy





Tritanopia
2D9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 508EE4 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 #508EE4 looks like.

```
.text, #text, p{  
    color:#508EE4  
}
```

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 #508EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508EE4  
}
```

Border

The CSS property to change the border of an element to Hex 508EE4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

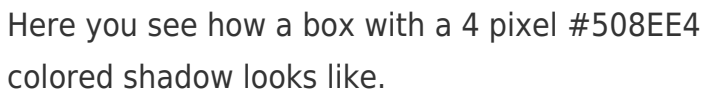
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#508EE4 }
```

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

```
.border{ border-color:#508EE4 }
```

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



Here you see how a box with a 4 pixel #508EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508EE4; -webkit-box-shadow:4px 4px  
4px 4px #508EE4; box-shadow:4px 4px 4px  
4px #508EE4 }
```

Background

The CSS property to change the background color of an element to Hex 508EE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508EE4 }
```

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

```
.background{ background-color:#508EE4 }
```

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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