

Converting Colors

Hex(5490E8)

Have a look what the booklet for
Hex(5490E8) contains.

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Color

Hex(5490E8)

Conversions

Conversions Part 1

Format	Color
Hex	5490E8
RGB	84, 144, 232
RGB Percent	33%, 56%, 91%
CMY	0.6706, 0.4353, 0.0902
CMYK	0.64, 0.38, 0.00, 0.09
HSL	216°, 76%, 62%
HSV	216°, 64%, 91%
XYZ	28.1949, 27.6575, 80.1963
YIQ	136.0920, -64.0080, 14.6480

Conversions

Conversions Part 2

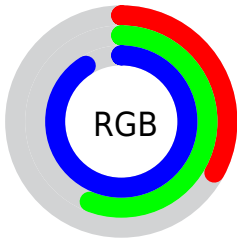
Format	Color
R_{YB}	84, 127, 232
Decimal	5542120
CIE _{Lab}	59.58, 7.70, -50.31
CIE _{LCh}	60, 50.896, 278.696
Yxy	27.6575, 0.2072, 0.2033
Android (android.graphics.Color)	4283732200 (0xFF5490E8)
YUV	136.0920, 47.2826, -45.6847
Hunter-Lab	52.5904, 3.6646, -53.5994

Details

The Hex color **5490E8** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **E8AC54**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **92C5FF**, and **005EB0** is the 20% darker color. If you saturate the color by 10%, you get **3D82E8**, and if you desaturate by 10%, it is **6B9EE8**.

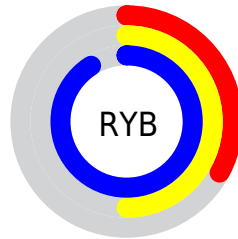
Distribution



Red (33%)

Green (56%)

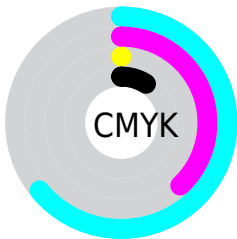
Blue (91%)



Red (33%)

Yellow (50%)

Blue (91%)

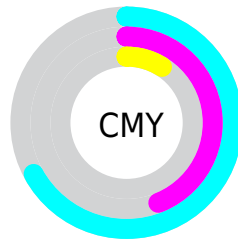


Cyan (64%)

Magenta (38%)

Yellow (0%)

Black (9%)



Cyan (67%)

Magenta (44%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5490E8 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 5490E8 by changing the saturation by 10% instead.

■ 5490E8

■ 5490E8

FFFFFF

■ 3077CC

■ 92C5FF

■ 005EB0

■ B0E1FF

■ 004795

■ CEFEFF

■ 00317A

■ ECFFFF

■ 001E61

■ 000449

■ 000431

■ 00011B

■ 000000

■ 5490E8

■ 5490E8

■ 3D82E8

■ 6B9EE8

■ 2674E8

■ 82ACE8

■ 0E67E8

■ 9AB9E8

■ 005EE8

■ B1C7E8

■ C8D5E8

■ DFE3E8

■ F6F1E8

■ FFFEE8

■ FFFFEE8

Harmonies

Analogous

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



009DE2



5490E8



A37ED6

Triad

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



5490E8



DC715A



1CA36D

Complementary

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



5490E8



E8AC54

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.



6C9D46



5490E8



C2823A

Square

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



5490E8



E26884



9C9131



00A69C

Rectangle

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



5490E8



C472BF



9C9131



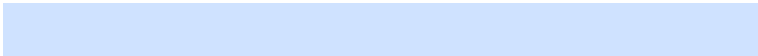
41A25F

Sweetspot

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



5490E8



CFE2FF



54E8AA



626E80



000000



808080

Same Dimension

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



5490E8



3B8AFF



6054E8



676C73



0048B3



001533

Inverse Universe

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



E85490



FF3B8A



DCE854



73676C



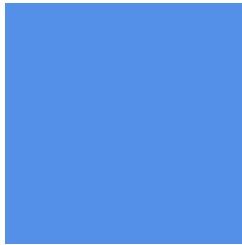
B30048



330015

Previews

White Background



This preview shows how the Hex color 5490E8 looks on a white background.

Color Contrast Check

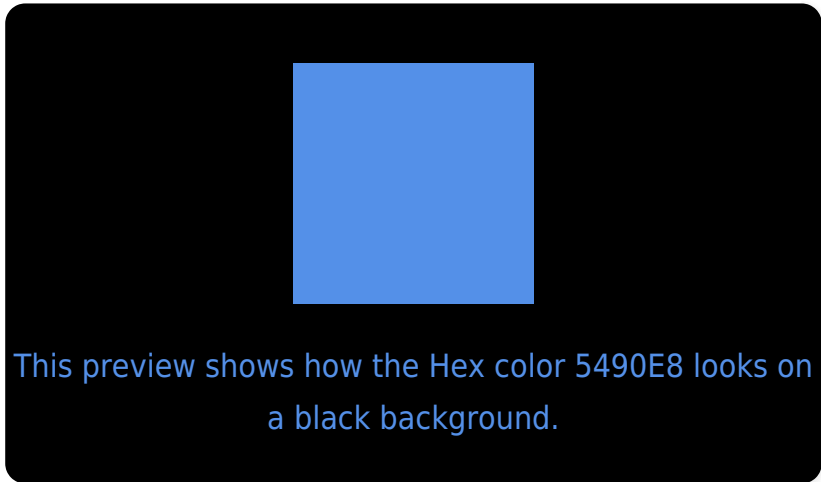
Large Text (above 18pt) WCAG AA ✓ Pass

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

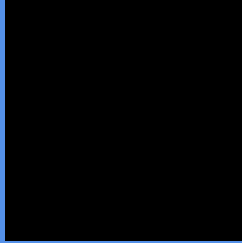
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

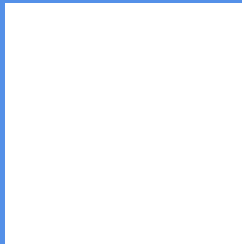
Any Text WCAG AAA × Fail

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

Hex 5490E8 Background



This preview shows how black text looks on a background with the Hex color 5490E8.



This preview shows how white text looks on a background with the Hex color 5490E8.

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](#).

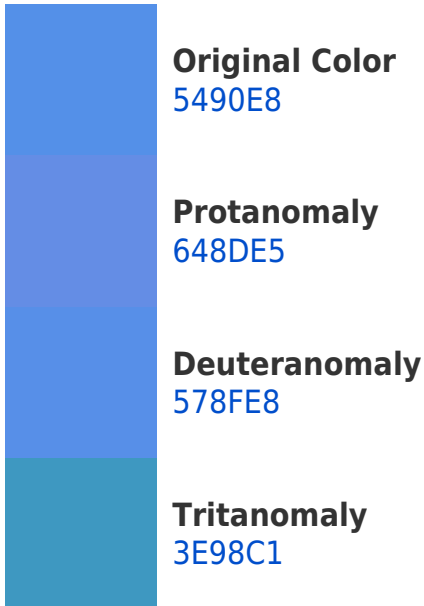
Dichromacy



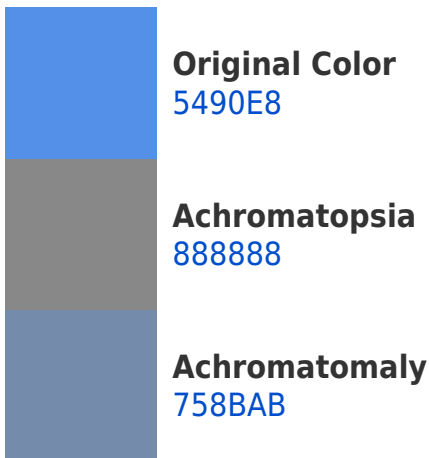


Tritanopia
329DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5490E8 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 #5490E8 looks like.

```
.text, #text, p{  
    color:#5490E8  
}
```

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 #5490E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5490E8
}
```

Border

The CSS property to change the border of an element to Hex 5490E8 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
#5490E8 }
```

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

```
.border{ border-color:#5490E8 }
```

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

Here you see how a box with a 4 pixel #5490E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5490E8; -webkit-box-shadow:4px 4px  
4px 4px #5490E8; box-shadow:4px 4px 4px  
4px #5490E8 }
```

Background

The CSS property to change the background color of an element to Hex 5490E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5490E8 }
```

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

```
.background{ background-color:#5490E8 }
```

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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