

Converting Colors

Hex(5297EB)

Have a look what the booklet for
Hex(5297EB) contains.

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Color

Hex(5297EB)

Conversions

Conversions Part 1

Format	Color
Hex	5297EB
RGB	82, 151, 235
RGB Percent	32%, 59%, 92%
CMY	0.6784, 0.4078, 0.0784
CMYK	0.65, 0.36, 0.00, 0.08
HSL	213°, 79%, 62%
HSV	213°, 65%, 92%
XYZ	29.5417, 29.9252, 82.8164
YIQ	139.9450, -68.0880, 11.4960

Conversions

Conversions Part 2

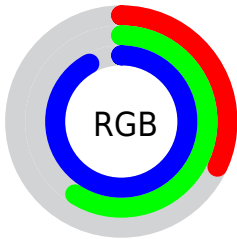
Format	Color
R_{YB}	82, 130, 235
Decimal	5412843
CIE _{Lab}	61.59, 4.25, -48.79
CIE _{LCh}	62, 48.974, 274.981
Yxy	29.9252, 0.2076, 0.2103
Android (android.graphics.Color)	4283602923 (0xFF5297EB)
YUV	139.9450, 46.8621, -50.8178
Hunter-Lab	54.7039, 0.6632, -51.4665

Details

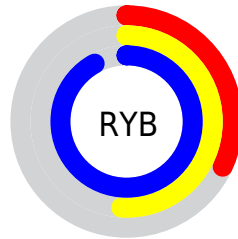
The Hex color **5297EB** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **EBA652**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **90CDFF**, and **0065B3** is the 20% darker color. If you saturate the color by 10%, you get **3A8AEB**, and if you desaturate by 10%, it is **6AA4EB**.

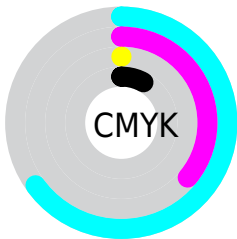
Distribution



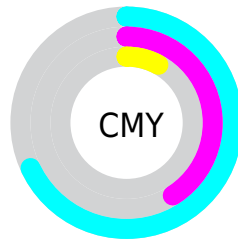
- Red (32%)
- Green (59%)
- Blue (92%)



- Red (32%)
- Yellow (51%)
- Blue (92%)



- Cyan (65%)
- Magenta (36%)
- Yellow (0%)
- Black (8%)



- Cyan (68%)
- Magenta (41%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5297EB 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 5297EB by changing the saturation by 10% instead.

■ 5297EB

■ 5297EB

FFFFFF

■ 2C7DCF

■ 90CDFF

■ 0065B3

■ AFE9FF

■ 004D98

■ CDFFFF

■ 00377D

■ EBFFFF

■ 002364

■ 000B4B

■ 000434

■ 00021E

■ 000000

■ 5297EB

■ 5297EB

■ 3A8AEB

■ 6AA4EB

■ 237DEB

■ 81B1EB

■ 0C70EB

■ 99BEEB

■ 006AEB

■ B0CBEB

■ C8D8EB

■ DFE4EB

■ F7F1EB

■ FFFEEB

■ FFFFEB

Harmonies

Analogous

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



00A3E3



5297EB



A186DC

Triad

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



5297EB



E17665



3BA86E

Complementary

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



5297EB



EBA652

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.



79A14A



5297EB



CB8546

Square

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



5297EB



E46F8F



A7953A



00AA9B

Rectangle

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



5297EB



C37BC7



A7953A



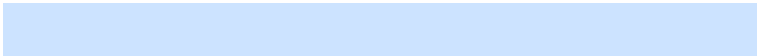
54A661

Sweetspot

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



5297EB



CCE3FF



52EBA4



616F80



000000



808080

Same Dimension

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



5297EB



3892FF



5752EB



6A6F75



0052B5



001836

Inverse Universe

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



EB5297



FF3892



E6EB52



756A6F



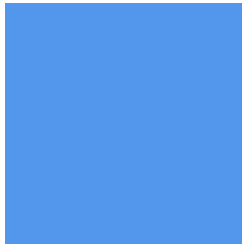
B50052



360018

Previews

White Background



This preview shows how the Hex color 5297EB looks on a white background.

Color Contrast Check

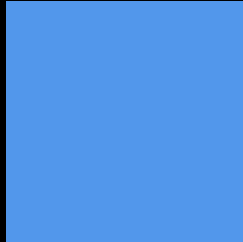
Large Text (above 18pt) WCAG AA ✓ Pass

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 5297EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

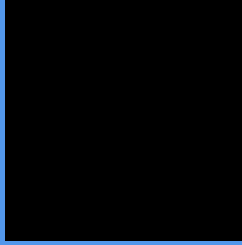
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

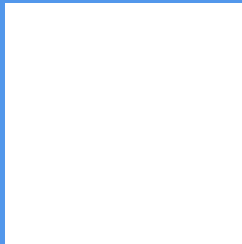
Any Text WCAG AAA × Fail

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

Hex 5297EB Background



This preview shows how black text looks on a background with the Hex color 5297EB.

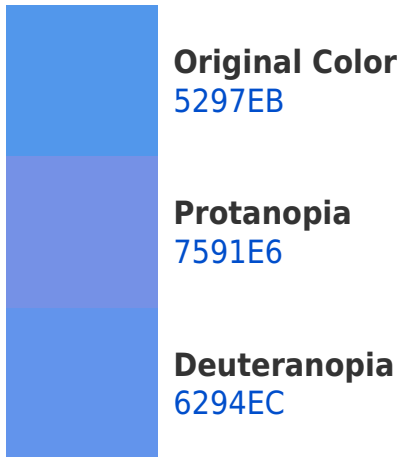


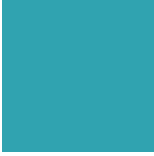
This preview shows how white text looks on a background with the Hex color 5297EB.

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](#).

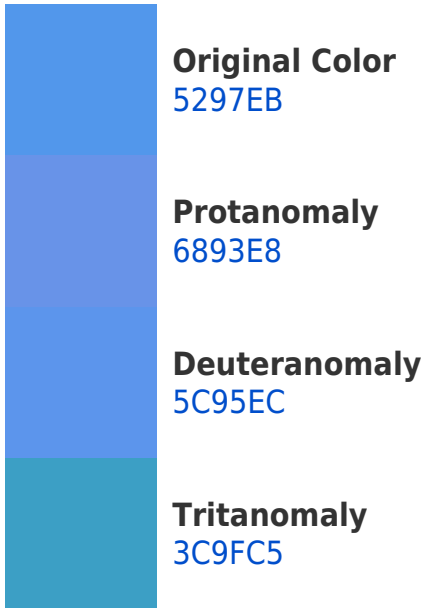
Dichromacy



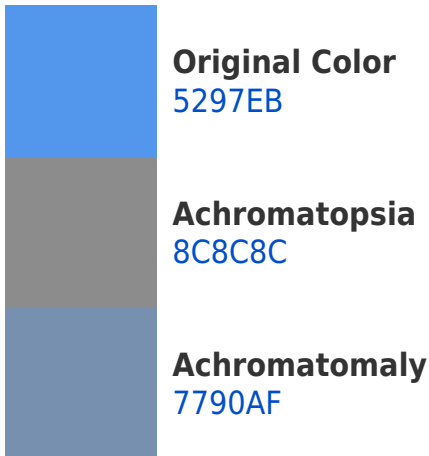


Tritanopia
30A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5297EB 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 #5297EB looks like.

```
.text, #text, p{  
    color:#5297EB  
}
```

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 #5297EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5297EB
}
```

Border

The CSS property to change the border of an element to Hex 5297EB 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
#5297EB }
```

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

```
.border{ border-color:#5297EB }
```

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

Here you see how a box with a 4 pixel #5297EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5297EB; -webkit-box-shadow:4px 4px  
4px 4px #5297EB; box-shadow:4px 4px 4px  
4px #5297EB }
```

Background

The CSS property to change the background color of an element to Hex 5297EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5297EB }
```

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

```
.background{ background-color:#5297EB }
```

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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