

Converting Colors

Hex(5196EA)

Have a look what the booklet for
Hex(5196EA) contains.

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Color

Hex(5196EA)

Conversions

Conversions Part 1

Format	Color
Hex	5196EA
RGB	81, 150, 234
RGB Percent	32%, 59%, 92%
CMY	0.6824, 0.4118, 0.0824
CMYK	0.65, 0.36, 0.00, 0.08
HSL	213°, 78%, 62%
HSV	213°, 65%, 92%
XYZ	29.1510, 29.5025, 82.0000
YIQ	138.9450, -68.0880, 11.4960

Conversions

Conversions Part 2

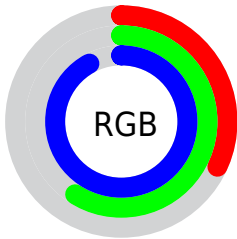
Format	Color
R _Y B	81, 129, 234
Decimal	5347050
CIE Lab	61.22, 4.33, -48.82
CIE LCh	61, 49.012, 275.073
Yxy	29.5025, 0.2073, 0.2098
Android (android.graphics.Color)	4283537130 (0xFF5196EA)
YUV	138.9450, 46.8621, -50.8178
Hunter-Lab	54.3162, 0.7457, -51.4875

Details

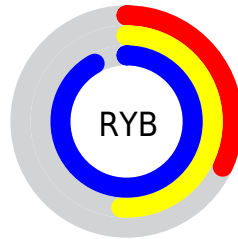
The Hex color **5196EA** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **EAA551**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **90CCFF**, and **0064B2** is the 20% darker color. If you saturate the color by 10%, you get **3A89EA**, and if you desaturate by 10%, it is **68A3EA**.

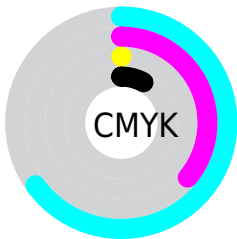
Distribution



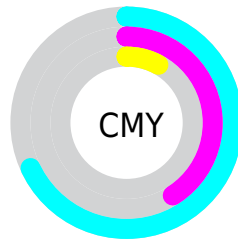
- Red (32%)
- Green (59%)
- Blue (92%)



- 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 5196EA 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 5196EA by changing the saturation by 10% instead.

 5196EA

 5196EA

FFFFFF

 2B7CCE

 90CCFF

 0064B2

 AEE8FF

 004C97

 CCFFFF

 00367C

 EAFFFF

 002263

 000A4B

 000433

 00021D

 000000

■ 5196EA

■ 5196EA

■ 3A89EA

■ 68A3EA

■ 227CEA

■ 80B0EA

■ 0B6FEA

■ 97BDEA

■ 006AEA

■ AFC9EA

■ C6D6EA

■ DDE3EA

■ F5F0EA

■ FFFDEA

■ FFFFEA

Harmonies

Analogous

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



00A2E2



5196EA



A085DB

Triad

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



5196EA



E07564



39A76E

Complementary

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



5196EA



EAA551

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.



78A04A



5196EA



CA8445

Square

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



5196EA



E36E8E



A69439



00A99A

Rectangle

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



5196EA



C27AC6



A69439



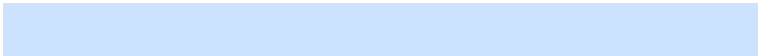
53A560

Sweetspot

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



5196EA



CCE3FF



51EAA3



616F80



000000



808080

Same Dimension

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



5196EA



3892FF



5651EA



6A6F75



0052B5



001836

Inverse Universe

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



EA5196



FF3892



E5EA51



756A6F



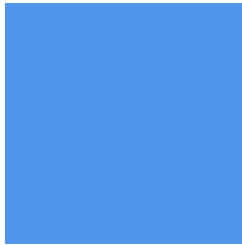
B50052



360018

Previews

White Background



This preview shows how the Hex color 5196EA looks on a white background.

Color Contrast Check

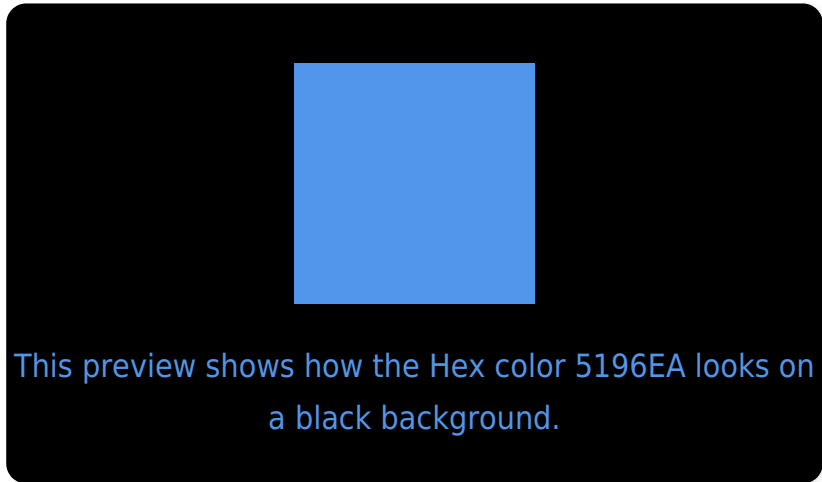
Large Text (above 18pt) WCAG AA ✓ Pass

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

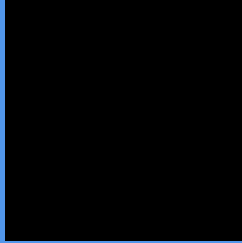
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

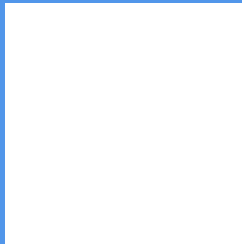
Any Text WCAG AAA × Fail

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

Hex 5196EA Background



This preview shows how black text looks on a background with the Hex color 5196EA.

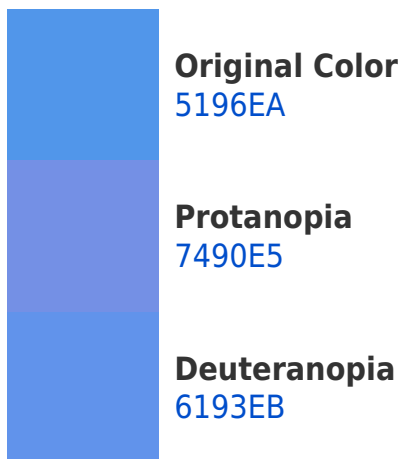


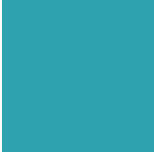
This preview shows how white text looks on a background with the Hex color 5196EA.

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](#).

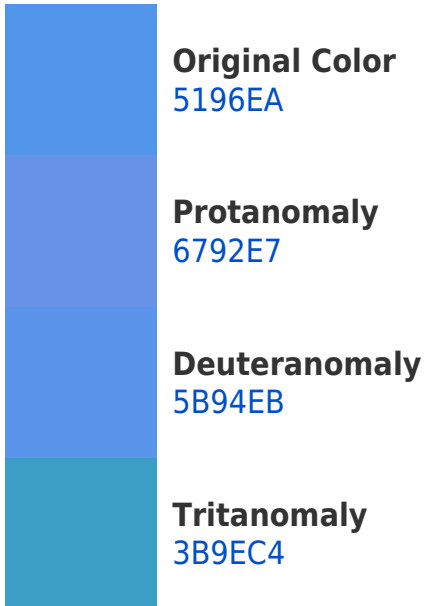
Dichromacy



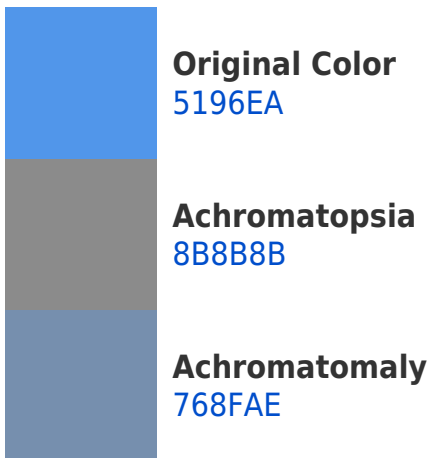


Tritanopia
2EA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5196EA 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 #5196EA looks like.

```
.text, #text, p{  
    color:#5196EA  
}
```

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 #5196EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5196EA
}
```

Border

The CSS property to change the border of an element to Hex 5196EA 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
#5196EA }
```

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

```
.border{ border-color:#5196EA }
```

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

Here you see how a box with a 4 pixel #5196EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5196EA; -webkit-box-shadow:4px 4px  
4px 4px #5196EA; box-shadow:4px 4px 4px  
4px #5196EA }
```

Background

The CSS property to change the background color of an element to Hex 5196EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5196EA }
```

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

```
.background{ background-color:#5196EA }
```

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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