

Converting Colors

Hex(5196E6)

Have a look what the booklet for
Hex(5196E6) contains.

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Color

Hex(5196E6)

Conversions

Conversions Part 1

Format	Color
Hex	5196E6
RGB	81, 150, 230
RGB Percent	32%, 59%, 90%
CMY	0.6824, 0.4118, 0.0980
CMYK	0.65, 0.35, 0.00, 0.10
HSL	212°, 75%, 61%
HSV	212°, 65%, 90%
XYZ	28.5826, 29.2752, 79.0071
YIQ	138.4890, -66.8040, 10.2520

Conversions

Conversions Part 2

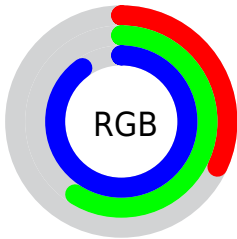
Format	Color
R _Y B	81, 128, 230
Decimal	5347046
CIE Lab	61.02, 2.99, -46.92
CIE LCh	61, 47.016, 273.641
Yxy	29.2752, 0.2088, 0.2139
Android (android.graphics.Color)	4283537126 (0xFF5196E6)
YUV	138.4890, 45.1149, -50.4179
Hunter-Lab	54.1066, -0.3911, -48.7015

Details

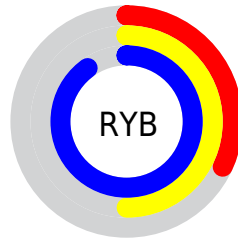
The Hex color **5196E6** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **E6A151**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8FCCFF**, and **0064AE** is the 20% darker color. If you saturate the color by 10%, you get **3A8AE6**, and if you desaturate by 10%, it is **68A2E6**.

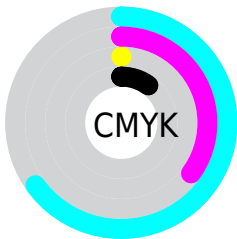
Distribution



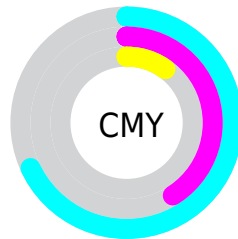
- Red (32%)
- Green (59%)
- Blue (90%)



- Red (32%)
- Yellow (50%)
- Blue (90%)



- Cyan (65%)
- Magenta (35%)
- Yellow (0%)
- Black (10%)



- Cyan (68%)
- Magenta (41%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5196E6 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 5196E6 by changing the saturation by 10% instead.

■ 5196E6

■ 5196E6

FFFFFF

■ 2C7CCA

■ 8FCCFF

■ 0064AE

■ ADE8FF

■ 004C93

■ CBFFFF

■ 003679

■ E9FFFF

■ 002260

■ 000947

■ 000430

■ 00011A

■ 000000

■ 5196E6

■ 5196E6

■ 3A8AE6

■ 68A2E6

■ 237DE6

■ 7FAFE6

■ 0C71E6

■ 96BBE6

■ 006BE6

■ ADC7E6

■ C4D4E6

■ DBE0E6

■ F2ECE6

■ FFF9E6

■ FFFF6E

Harmonies

Analogous

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



00A1DD



5196E6



9D86D9

Triad

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



5196E6



DE7567



42A56D

Complementary

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



5196E6



E6A151

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.



7C9E4B



5196E6



C98449

Square

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



5196E6



E07090



A7933D



00A897

Rectangle

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



5196E6



BE7CC5



A7933D



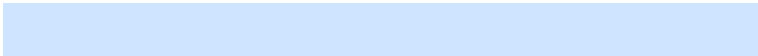
58A360

Sweetspot

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



5196E6



CFE5FF



51E6A0



627080



000000



808080

Same Dimension

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



5196E6



3894FF



5651E6



676D73



0053B3



001833

Inverse Universe

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



E65196



FF3894



E1E651



73676D



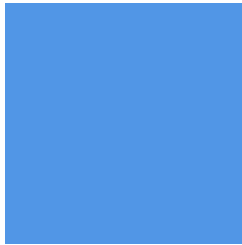
B30053



330018

Previews

White Background



This preview shows how the Hex color 5196E6 looks on a white background.

Color Contrast Check

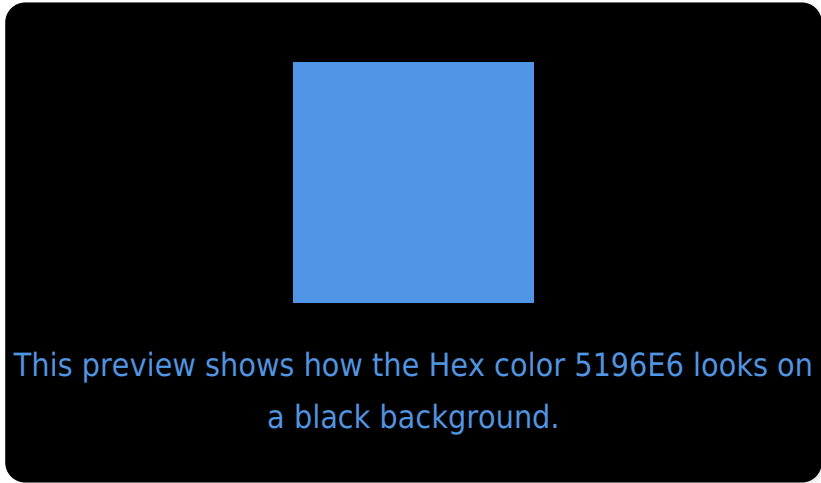
Large Text (above 18pt) WCAG AA ✓ Pass

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

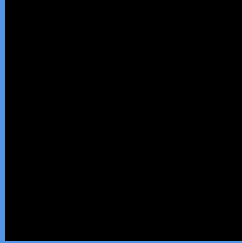
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

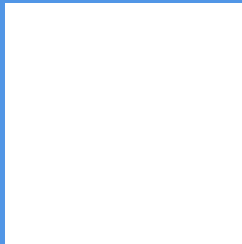
Any Text WCAG AAA × Fail

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

Hex 5196E6 Background



This preview shows how black text looks on a background with the Hex color 5196E6.



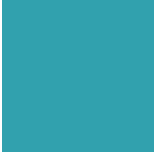
This preview shows how white text looks on a background with the Hex color 5196E6.

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](#).

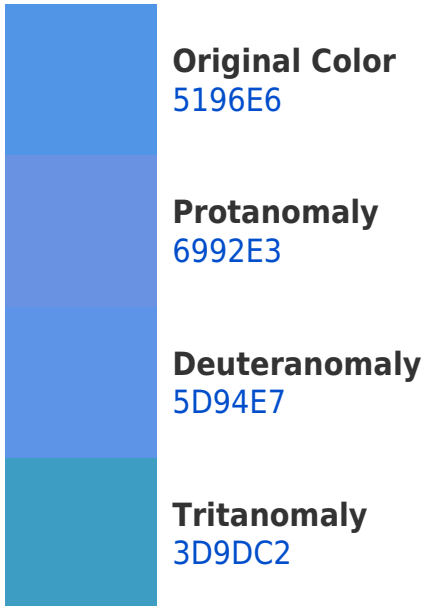
Dichromacy



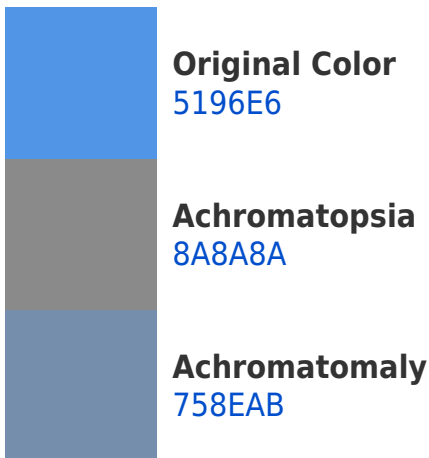


Tritanopia
31A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5196E6 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 #5196E6 looks like.

```
.text, #text, p{  
    color:#5196E6  
}
```

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 #5196E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5196E6
}
```

Border

The CSS property to change the border of an element to Hex 5196E6 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
#5196E6 }
```

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

```
.border{ border-color:#5196E6 }
```

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

Here you see how a box with a 4 pixel #5196E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5196E6; -webkit-box-shadow:4px 4px  
4px 4px #5196E6; box-shadow:4px 4px 4px  
4px #5196E6 }
```

Background

The CSS property to change the background color of an element to Hex 5196E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5196E6 }
```

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

```
.background{ background-color:#5196E6 }
```

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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