

# Converting Colors

Hex(5192E4)

Have a look what the booklet for  
Hex(5192E4) contains.

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# **Color**

**Hex(5192E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5192E4
RGB	81, 146, 228
RGB Percent	32%, 57%, 89%
CMY	0.6824, 0.4275, 0.1059
CMYK	0.64, 0.36, 0.00, 0.11
HSL	213°, 73%, 61%
HSV	213°, 64%, 89%
XYZ	27.6758, 27.9085, 77.3270
YIQ	135.9130, -65.0620, 11.7220

# Conversions

## Conversions Part 2

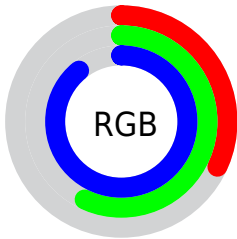
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 126, 228
Decimal	5346020
CIE Lab	59.81, 4.65, -47.74
CIE LCh	60, 47.964, 275.568
Yxy	27.9085, 0.2082, 0.2100
Android (android.graphics.Color)	4283536100 (0xFF5192E4)
YUV	135.9130, 45.3989, -48.1587
Hunter-Lab	52.8285, 1.0627, -49.8049

# Details

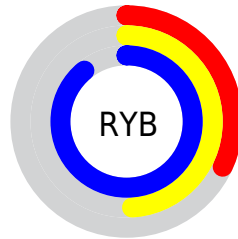
The Hex color **5192E4** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **E4A351**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8FC8FF**, and **0060AC** is the 20% darker color. If you saturate the color by 10%, you get **3A85E4**, and if you desaturate by 10%, it is **689FE4**.

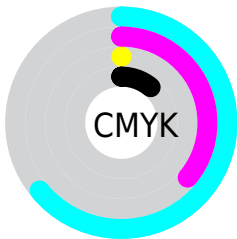
# Distribution



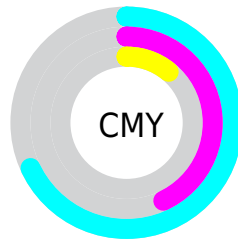
- Red (32%)
- Green (57%)
- Blue (89%)



- Red (32%)
- Yellow (49%)
- Blue (89%)



- Cyan (64%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (68%)
- Magenta (43%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5192E4 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 5192E4 by changing the saturation by 10% instead.



■ 5192E4

■ 5192E4

FFFFFF

■ 2C79C8

■ 8FC8FF

■ 0060AC

■ ADE3FF

■ 004991

■ CBFFFF

■ 003377

■ E9FFFF

■ 001F5E

■ 000546

■ 00042E

■ 000119

■ 000000

■ 5192E4

■ 5192E4

■ 3A85E4

■ 689FE4

■ 2379E4

■ 7FABE4

■ 0D6CE4

■ 95B8E4

■ 0065E4

■ ACC5E4

■ C3D2E4

■ DADEE4

■ F1EBE4

■ FFF8E4

■ FFFFE4

# Harmonies

## Analogous

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



009EDC



5192E4



9D82D5

# Triad

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



5192E4



DA7261



36A36C

# Complementary

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



5192E4



E4A351

# 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.



759C48



5192E4



C48143

# Square

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



5192E4



DE6B8A



A19038



00A597

# Rectangle

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



5192E4



BE77C0



A19038



50A15E

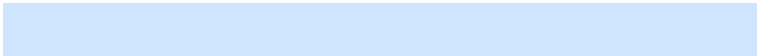


# Sweetspot

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



5192E4



CFE4FF



51E4A2



626F80



000000



808080



# Same Dimension

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



5192E4



3B91FF



5851E4



676C73



004FB3



001733



# Inverse Universe

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



E45192



FF3B91



DDE451



73676C



B3004F

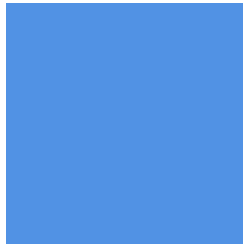


330017



# Previews

## White Background



This preview shows how the Hex color 5192E4 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 5192E4 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

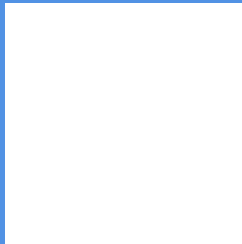
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5192E4 Background



This preview shows how black text looks on a background with the Hex color 5192E4.

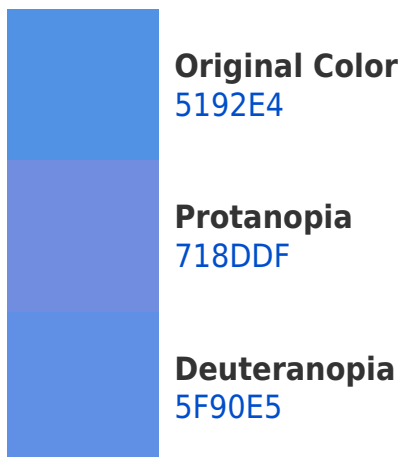


This preview shows how white text looks on a background with the Hex color 5192E4.

# 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](#).

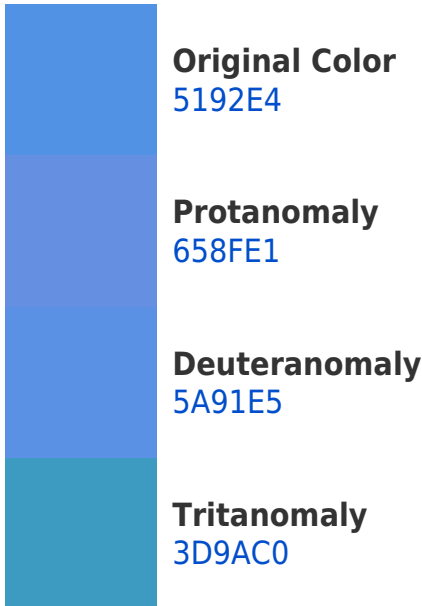
## Dichromacy



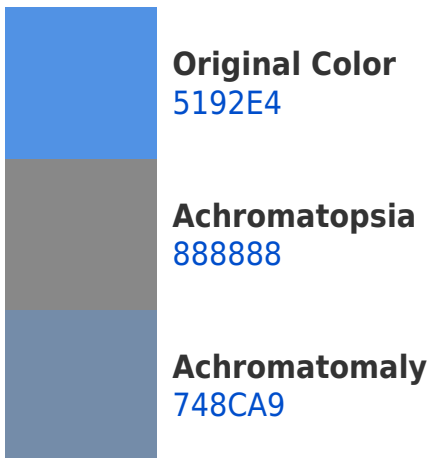


**Tritanopia**  
319EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5192E4 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 #5192E4 looks like.

```
.text, #text, p{  
    color:#5192E4  
}
```

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 #5192E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5192E4
}
```

## Border

The CSS property to change the border of an element to Hex 5192E4 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
#5192E4 }
```

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

```
.border{ border-color:#5192E4 }
```

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

Here you see how a box with a 4 pixel #5192E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5192E4; -webkit-box-shadow:4px 4px  
4px 4px #5192E4; box-shadow:4px 4px 4px  
4px #5192E4 }
```

# Background

The CSS property to change the background color of an element to Hex 5192E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5192E4 }
```

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

```
.background{ background-color:#5192E4 }
```

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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