

Converting Colors

Hex(5173E4)

Have a look what the booklet for
Hex(5173E4) contains.

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Color

Hex(5173E4)

Conversions

Conversions Part 1

Format	Color
Hex	5173E4
RGB	81, 115, 228
RGB Percent	32%, 45%, 89%
CMY	0.6824, 0.5490, 0.1059
CMYK	0.64, 0.50, 0.00, 0.11
HSL	226°, 73%, 61%
HSV	226°, 64%, 89%
XYZ	23.5277, 19.6122, 75.9443
YIQ	117.7160, -56.5370, 27.9350

Conversions

Conversions Part 2

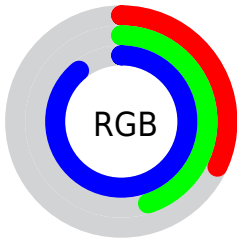
Format	Color
R _Y B	81, 109, 228
Decimal	5338084
CIE Lab	51.40, 23.44, -61.17
CIE LCh	51, 65.506, 290.969
Yxy	19.6122, 0.1976, 0.1647
Android (android.graphics.Color)	4283528164 (0xFF5173E4)
YUV	117.7160, 54.3700, -32.1999
Hunter-Lab	44.2857, 17.3317, -70.6747

Details

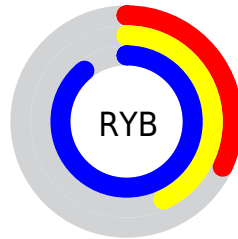
The Hex color **5173E4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E4C251**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8FA7FF**, and **0044AC** is the 20% darker color. If you saturate the color by 10%, you get **3A61E4**, and if you desaturate by 10%, it is **6885E4**.

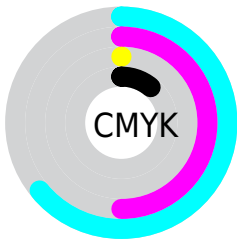
Distribution



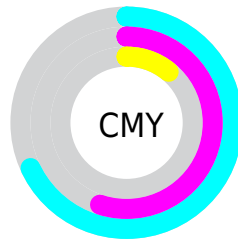
- Red (32%)
- Green (45%)
- Blue (89%)



- Red (32%)
- Yellow (43%)
- Blue (89%)



- Cyan (64%)
- Magenta (50%)
- Yellow (0%)
- Black (11%)




- Cyan (68%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5173E4 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 5173E4 by changing the saturation by 10% instead.

 5173E4

 5173E4

FFFFFF

 2C5BC8

 8FA7FF

 0044AC

 ADC2FF

 002E91

 CCDDFF

 001B76

 EAFAFF

 00015D

 000844

 00032D

 000117

 000000

■ 5173E4

■ 5173E4

■ 3A61E4

■ 6885E4

■ 2350E4

■ 7F96E4

■ 0D3EE4

■ 95A8E4

■ 0035E4

■ ACB9E4

■ C3CBE4

■ DADCE4

■ F1EEE4

■ FFFFE4

Harmonies

Analogous

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



0086EA



5173E4



AC58C2

Triad

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



5173E4



C85921



009367

Complementary

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



5173E4



E4C251

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.



188E2D



5173E4



A27200

Square

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



5173E4



DC4056



6E8300



0094A1

Rectangle

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



5173E4



CB45A0



6E8300



009154

Sweetspot

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



5173E4



CFDAFF



51E4C2



626980



000000



808080

Same Dimension

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



5173E4



3B68FF



7851E4



676A73



0029B3



000C33

Inverse Universe

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



E45173



FF3B68



BDE451



73676A



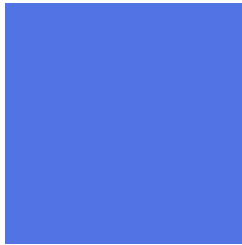
B30029



33000C

Previews

White Background



This preview shows how the Hex color 5173E4 looks on a white background.

Color Contrast Check

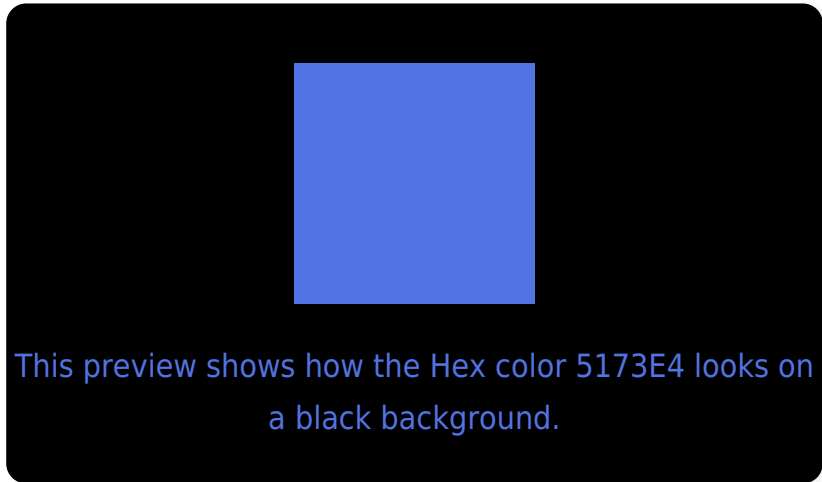
Large Text (above 18pt) WCAG AA ✓ Pass

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

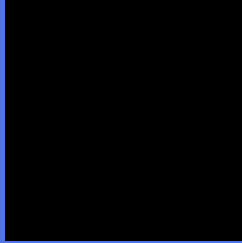
Any Text WCAG AA ✓ Pass

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 5173E4 Background



This preview shows how black text looks on a background with the Hex color 5173E4.

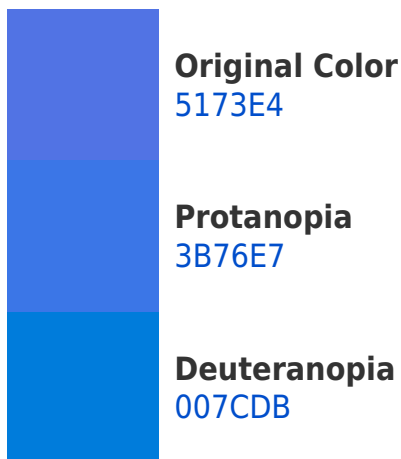


This preview shows how white text looks on a background with the Hex color 5173E4.

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](#).

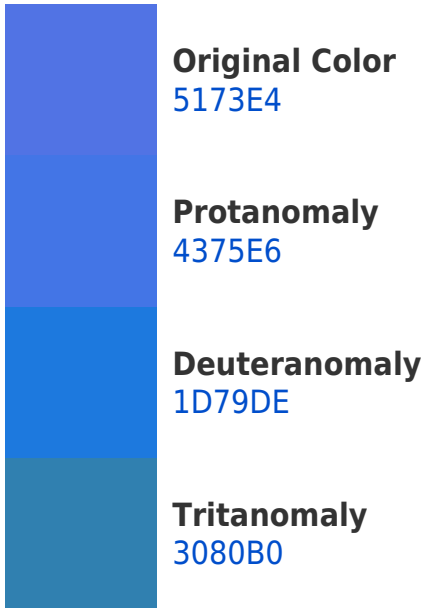
Dichromacy





Tritanopia
1D8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5173E4 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 #5173E4 looks like.

```
.text, #text, p{  
    color:#5173E4  
}
```

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 #5173E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5173E4
}
```

Border

The CSS property to change the border of an element to Hex 5173E4 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
#5173E4 }
```

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

```
.border{ border-color:#5173E4 }
```

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

Here you see how a box with a 4 pixel #5173E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5173E4; -webkit-box-shadow:4px 4px  
4px 4px #5173E4; box-shadow:4px 4px 4px  
4px #5173E4 }
```

Background

The CSS property to change the background color of an element to Hex 5173E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5173E4 }
```

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

```
.background{ background-color:#5173E4 }
```

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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