

Converting Colors

Hex(5163E0)

Have a look what the booklet for
Hex(5163E0) contains.

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Color

Hex(5163E0)

Conversions

Conversions Part 1

Format	Color
Hex	5163E0
RGB	81, 99, 224
RGB Percent	32%, 39%, 88%
CMY	0.6824, 0.6118, 0.1216
CMYK	0.64, 0.56, 0.00, 0.12
HSL	232°, 70%, 60%
HSV	232°, 64%, 88%
XYZ	21.3097, 16.0548, 72.4968
YIQ	107.8680, -50.8530, 35.0590

Conversions

Conversions Part 2

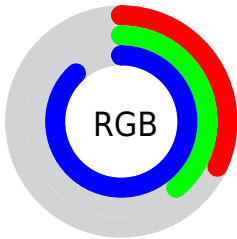
Format	Color
R_{YB}	81, 97, 224
Decimal	5333984
CIE _{Lab}	47.05, 32.00, -65.94
CIE _{LCh}	47, 73.295, 295.885
Yxy	16.0548, 0.1940, 0.1461
Android (android.graphics.Color)	4283524064 (0xFF5163E0)
YUV	107.8680, 57.2531, -23.5632
Hunter-Lab	40.0685, 24.8123, -79.2267

Details

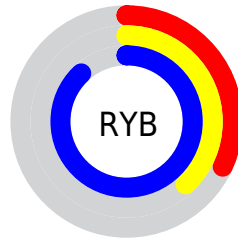
The Hex color **5163E0** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **E0CE51**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **8F96FF**, and **0035A8** is the 20% darker color. If you saturate the color by 10%, you get **3B4FE0**, and if you desaturate by 10%, it is **6777E0**.

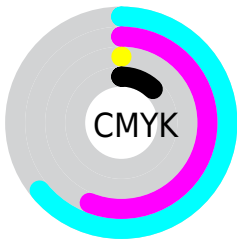
Distribution



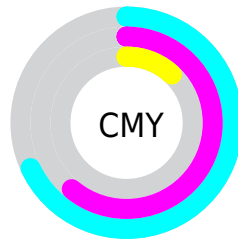
- Red (32%)
- Green (39%)
- Blue (88%)



- Red (32%)
- Yellow (38%)
- Blue (88%)



- Cyan (64%)
- Magenta (56%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (61%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5163E0 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 5163E0 by changing the saturation by 10% instead.

■ 5163E0

■ 5163E0

FFFFFF

■ 2C4BC4

■ 8F96FF

■ 0035A8

■ AEB0FF

■ 00208D

■ CCCCFF

■ 000F72

■ EAE8FF

■ 000059

■ 000740

■ 000329

■ 000113

■ 000000

■ 5163E0

■ 5163E0

■ 3B4FE0

■ 6777E0

■ 243CE0

■ 7E8AE0

■ 0E28E0

■ 949EE0

■ 001CE0

■ ABB1E0

■ C1C5E0

■ D7D8E0

■ EEECE0

■ FFFF00

Harmonies

Analogous

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



007AEC



5163E0



AF3FB6

Triad

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



5163E0



BC4E00



008965

Complementary

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



5163E0



E0CE51

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.



008522



5163E0



8F6A00

Square

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



5163E0



D6273E



537C00



008AA4

Rectangle

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



5163E0



CD228F



537C00



00884F

Sweetspot

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



5163E0



CFD5FF



51E0CD



626680



000000



808080

Same Dimension

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



5163E0



3B53FF



8551E0



656670



0016B0



000630

Inverse Universe

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



E05163



FF3B53



ACE051



706566



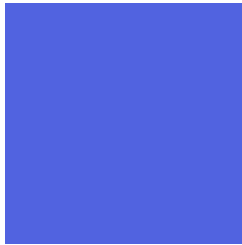
B00016



300006

Previews

White Background



This preview shows how the Hex color 5163E0 looks on a white background.

Color Contrast Check

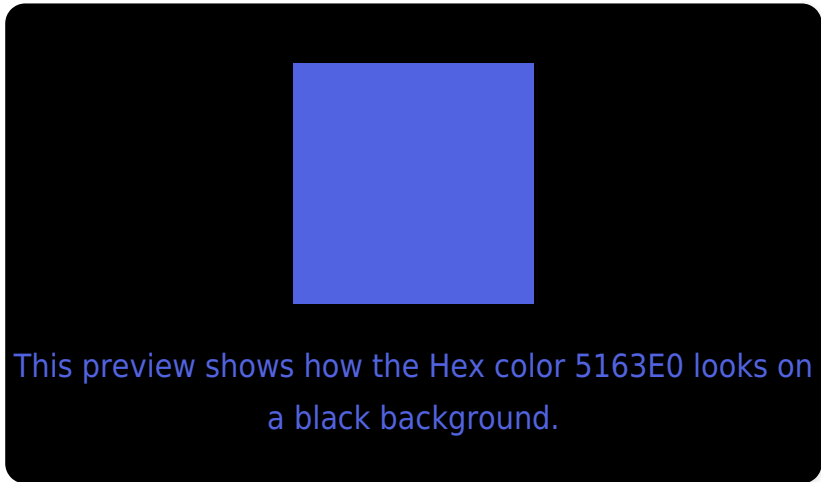
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

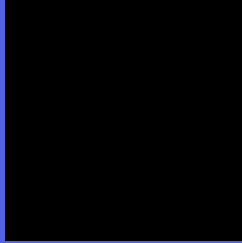
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5163E0 Background



This preview shows how black text looks on a background with the Hex color 5163E0.

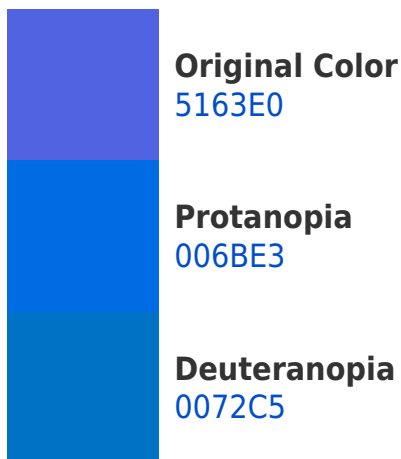


This preview shows how white text looks on a background with the Hex color 5163E0.

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](#).

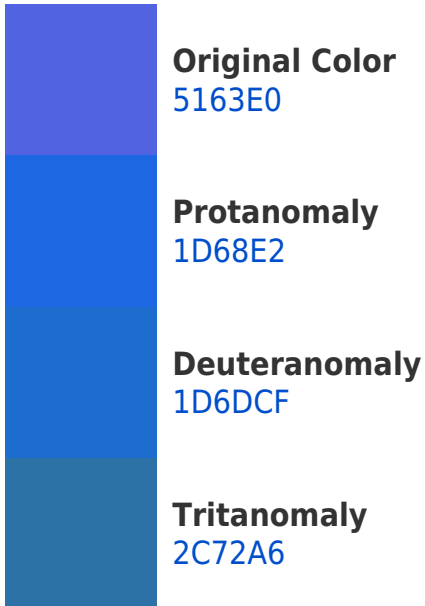
Dichromacy



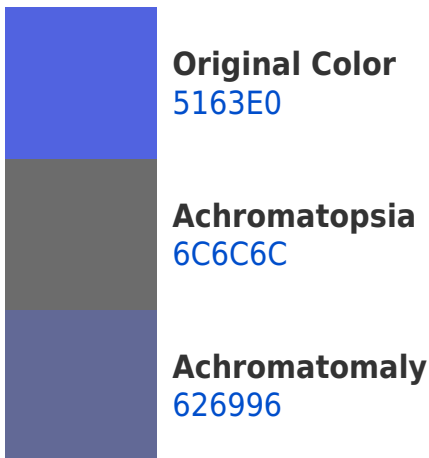


Tritanopia
177B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5163E0 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 #5163E0 looks like.

```
.text, #text, p{  
    color:#5163E0  
}
```

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 #5163E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5163E0
}
```

Border

The CSS property to change the border of an element to Hex 5163E0 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
#5163E0 }
```

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

```
.border{ border-color:#5163E0 }
```

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

Here you see how a box with a 4 pixel #5163E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5163E0; -webkit-box-shadow:4px 4px  
4px 4px #5163E0; box-shadow:4px 4px 4px  
4px #5163E0 }
```

Background

The CSS property to change the background color of an element to Hex 5163E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5163E0 }
```

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

```
.background{ background-color:#5163E0 }
```

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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