

Converting Colors

Hex(5155E1)

Have a look what the booklet for
Hex(5155E1) contains.

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Color

Hex(5155E1)

Conversions

Conversions Part 1

Format	Color
Hex	5155E1
RGB	81, 85, 225
RGB Percent	32%, 33%, 88%
CMY	0.6824, 0.6667, 0.1176
CMYK	0.64, 0.62, 0.00, 0.12
HSL	238°, 71%, 60%
HSV	238°, 64%, 88%
XYZ	20.2324, 13.6826, 72.8088
YIQ	99.7640, -47.3240, 42.6920

Conversions

Conversions Part 2

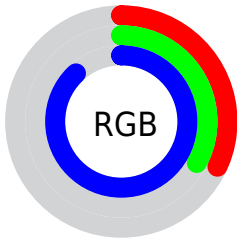
Format	Color
R_{YB}	81, 85, 225
Decimal	5330401
CIE _{Lab}	43.77, 40.90, -71.83
CIE _{LCh}	44, 82.659, 299.653
Yxy	13.6826, 0.1896, 0.1282
Android (android.graphics.Color)	4283520481 (0xFF5155E1)
YUV	99.7640, 61.7413, -16.4560
Hunter-Lab	36.9900, 32.9019, -90.8099

Details

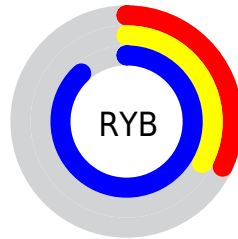
The Hex color **5155E1** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **E1DD51**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9087FF**, and **0027A8** is the 20% darker color. If you saturate the color by 10%, you get **3B3FE1**, and if you desaturate by 10%, it is **676BE1**.

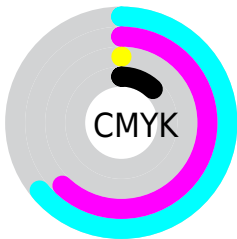
Distribution



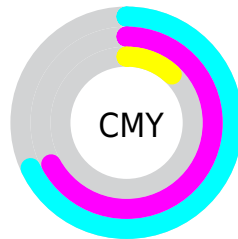
- Red (32%)
- Green (33%)
- Blue (88%)



- Red (32%)
- Yellow (33%)
- Blue (88%)



- Cyan (64%)
- Magenta (62%)
- Yellow (0%)
- Black (12%)




- Cyan (68%)
- Magenta (67%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5155E1 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 5155E1 by changing the saturation by 10% instead.

 5155E1

 5155E1

FFFFFF

 2A3EC4

 9087FF

 0027A8

 AFA1FF

 00138D

 CDBDFF

 000073

 ECD8FF

 000259

 FFF5FF

 000741

 00032A

 000114

 000000

■ 5155E1

■ 5155E1

■ 3B3FE1

■ 676BE1

■ 2429E1

■ 7E81E1

■ 0E13E1

■ 9497E1

■ 0006E1

■ ABACE1

■ C2C2E1

■ D8D8E1

■ EFEEE1

■ FFFFE1

Harmonies

Analogous

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



0072F4



5155E1



B51CAE

Triad

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



5155E1



B34500



008265

Complementary

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



5155E1



E1DD51

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.



007E16



5155E1



7F6500

Square

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



5155E1



D30029



387600



0083AA

Rectangle

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



5155E1



D10082



387600



00814C

Sweetspot

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



5155E1



CFD0FF



51E1DC



626380



000000



808080

Same Dimension

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



5155E1



3B40FF



9451E1



656570



0005B0



000130

Inverse Universe

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



E15155



FF3B40



9EE151



706565



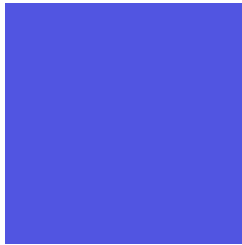
B00005



300001

Previews

White Background



This preview shows how the Hex color 5155E1 looks on a white background.

Color Contrast Check

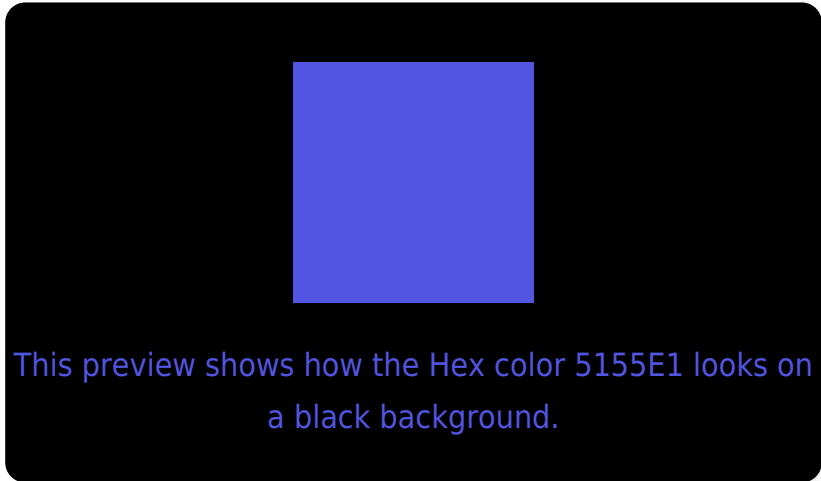
Large Text (above 18pt) WCAG AA ✓ Pass

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

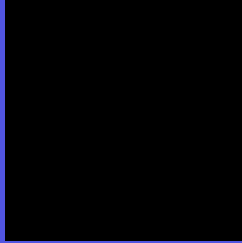
Any Text WCAG AA × Fail

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 5155E1 Background



This preview shows how black text looks on a background with the Hex color 5155E1.

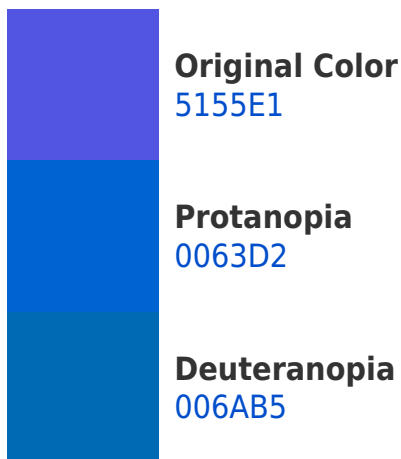


This preview shows how white text looks on a background with the Hex color 5155E1.

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](#).

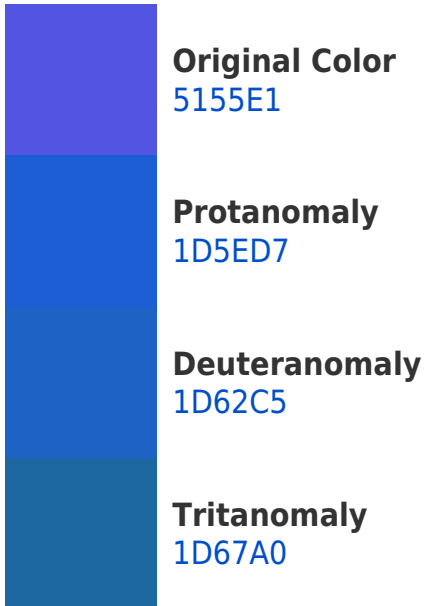
Dichromacy





Tritanopia
00727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5155E1 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 #5155E1 looks like.

```
.text, #text, p{  
    color:#5155E1  
}
```

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 #5155E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5155E1
}
```

Border

The CSS property to change the border of an element to Hex 5155E1 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
#5155E1 }
```

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

```
.border{ border-color:#5155E1 }
```

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

Here you see how a box with a 4 pixel #5155E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5155E1; -webkit-box-shadow:4px 4px  
4px 4px #5155E1; box-shadow:4px 4px 4px  
4px #5155E1 }
```

Background

The CSS property to change the background color of an element to Hex 5155E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5155E1 }
```

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

```
.background{ background-color:#5155E1 }
```

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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