

Converting Colors

Hex(5A71D5)

Have a look what the booklet for
Hex(5A71D5) contains.

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Color

Hex(5A71D5)

Conversions

Conversions Part 1

Format	Color
Hex	5A71D5
RGB	90, 113, 213
RGB Percent	35%, 44%, 84%
CMY	0.6471, 0.5569, 0.1647
CMYK	0.58, 0.47, 0.00, 0.16
HSL	229°, 59%, 59%
HSV	229°, 58%, 84%
XYZ	22.1318, 18.7880, 65.4108
YIQ	117.5230, -45.8080, 26.2240

Conversions

Conversions Part 2

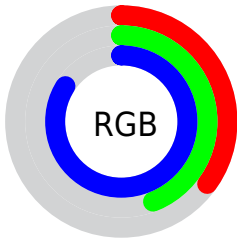
Format	Color
R_{YB}	90, 109, 213
Decimal	5927381
CIE _{Lab}	50.44, 21.24, -54.21
CIE _{LCh}	50, 58.218, 291.392
Yxy	18.7880, 0.2081, 0.1767
Android (android.graphics.Color)	4284117461 (0xFF5A71D5)
YUV	117.5230, 47.0702, -24.1377
Hunter-Lab	43.3451, 15.2872, -59.1311

Details

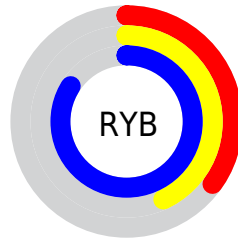
The Hex color **5A71D5** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **D5BE5A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **95A4FF**, and **0E429E** is the 20% darker color. If you saturate the color by 10%, you get **4560D5**, and if you desaturate by 10%, it is **6F82D5**.

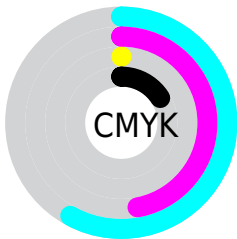
Distribution



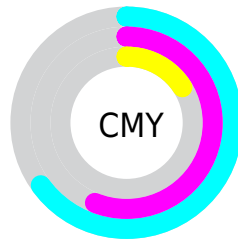
- Red (35%)
- Green (44%)
- Blue (84%)



- Red (35%)
- Yellow (43%)
- Blue (84%)



- Cyan (58%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (56%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A71D5 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 5A71D5 by changing the saturation by 10% instead.

■ 5A71D5

■ 5A71D5

FFFFFF

■ 3A59B9

■ 95A4FF

■ 0E429E

■ B2BFFF

■ 002C83

■ CFDBFF

■ 001969

■ EDF8FF

■ 000050

■ 000538

■ 000222

■ 000008

■ 000000

■ 5A71D5

■ 5A71D5

■ 4560D5

■ 6F82D5

■ 2F4ED5

■ 8594D5

■ 1A3DD5

■ 9AA5D5

■ 052CD5

■ AFB6D5

■ 0028D5

■ C5C8D5

■ DAD9D5

■ EFEAD5

■ FFFCD5

■ FFFF5

Harmonies

Analogous

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



0082DA



5A71D5



A55AB7

Triad

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



5A71D5



BE5C2A



008E68

Complementary

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



5A71D5



D5BE5A

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.



2A8A36



5A71D5



9C7100

Square

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



5A71D5



D04957



6E8004



008F9B

Rectangle

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



5A71D5



C14C99



6E8004



008D56

Sweetspot

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



5A71D5



D4DCFF



5AD5BC



666B80



000000



808080

Same Dimension

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



5A71D5



4F70FF



7F5AD5



60626B



0020AB



00082B

Inverse Universe

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



D55A71



FF4F70



B0D55A



6B6062



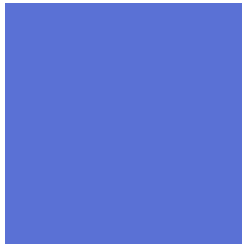
AB0020



2B0008

Previews

White Background



This preview shows how the Hex color 5A71D5 looks on a white background.

Color Contrast Check

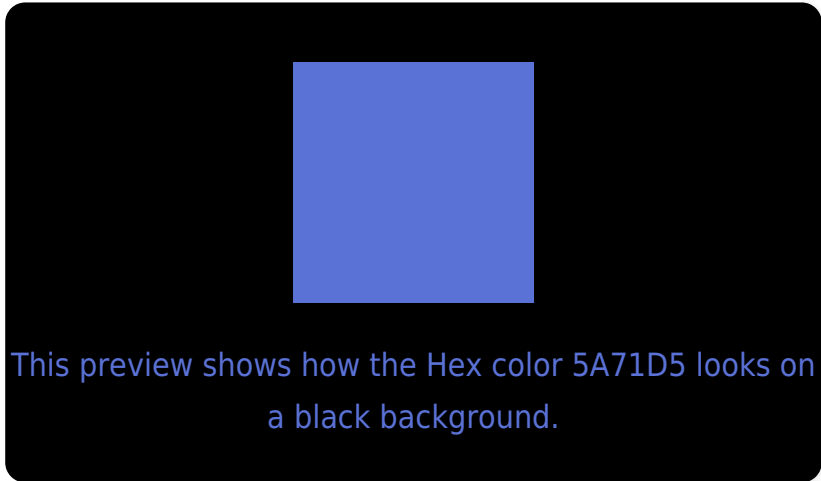
Large Text (above 18pt) WCAG AA ✓ Pass

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

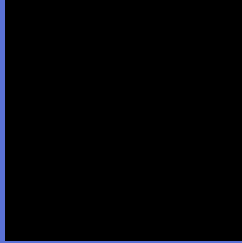
Any Text WCAG AA ✓ Pass

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 5A71D5 Background



This preview shows how black text looks on a background with the Hex color 5A71D5.



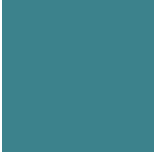
This preview shows how white text looks on a background with the Hex color 5A71D5.

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](#).

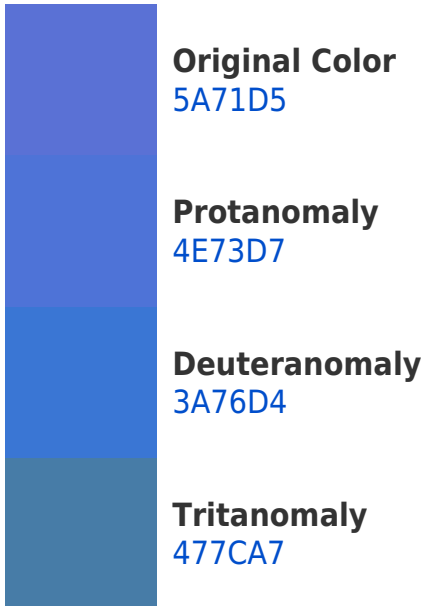
Dichromacy



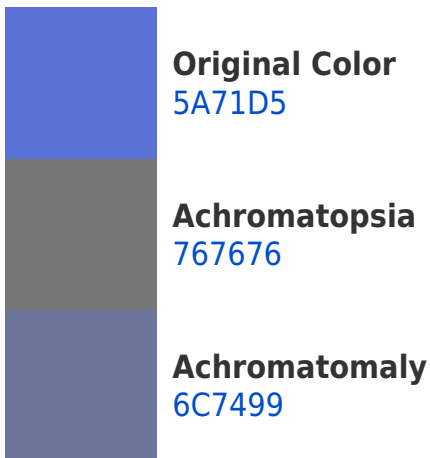


Tritanopia
3C828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A71D5 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 #5A71D5 looks like.

```
.text, #text, p{  
    color:#5A71D5  
}
```

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 #5A71D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A71D5
}
```

Border

The CSS property to change the border of an element to Hex 5A71D5 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".

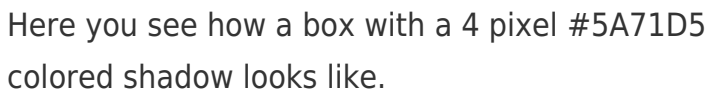
```
.border, #border, table{ border:4px solid
#5A71D5 }
```

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

```
.border{ border-color:#5A71D5 }
```

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

Here you see how a box with a 4 pixel #5A71D5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A71D5; -webkit-box-shadow:4px 4px  
4px 4px #5A71D5; box-shadow:4px 4px 4px  
4px #5A71D5 }
```

Background

The CSS property to change the background color of an element to Hex 5A71D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A71D5 }
```

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

```
.background{ background-color:#5A71D5 }
```

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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