

Converting Colors

Hex(5A31D7)

Have a look what the booklet for
Hex(5A31D7) contains.

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Color

Hex(5A31D7)

Conversions

Conversions Part 1

Format	Color
Hex	5A31D7
RGB	90, 49, 215
RGB Percent	35%, 19%, 84%
CMY	0.6471, 0.8078, 0.1569
CMYK	0.58, 0.77, 0.00, 0.16
HSL	255°, 67%, 52%
HSV	255°, 77%, 84%
XYZ	17.5805, 9.2766, 65.1539
YIQ	80.1830, -28.8500, 60.3180

Conversions

Conversions Part 2

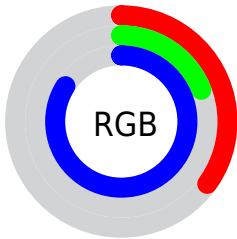
Format	Color
RYB	90, 49, 215
Decimal	5910999
CIELab	36.51, 58.54, -78.00
CIELCh	37, 97.523, 306.890
Yxy	9.2766, 0.1911, 0.1008
Android (android.graphics.Color)	4284101079 (0xFF5A31D7)
YUV	80.1830, 66.4648, 8.6095
Hunter-Lab	30.4575, 49.7322, -105.5116

Details

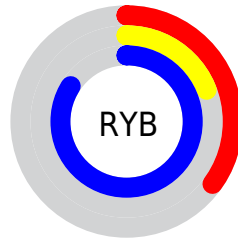
The Hex color **5A31D7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **AED731**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9865FF**, and **00009F** is the 20% darker color. If you saturate the color by 10%, you get **4A1CD7**, and if you desaturate by 10%, it is **6A47D7**.

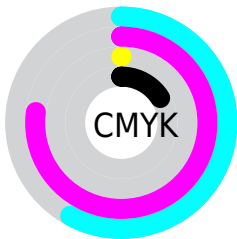
Distribution



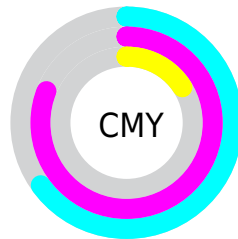
- Red (35%)
- Green (19%)
- Blue (84%)



- Red (35%)
- Yellow (19%)
- Blue (84%)



- Cyan (58%)
- Magenta (77%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (81%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A31D7 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 5A31D7 by changing the saturation by 10% instead.

■ 5A31D7

■ 5A31D7

FFFFFF

■ 3716BB

■ 9865FF

■ 00009F

■ B77FFF

■ 000084

■ D59AFF

■ 000069

■ F4B5FF

■ 000A50

■ FFD2FF

■ 000538

■ FFEFFF

■ 000222

■ 000007

■ 000000

■ 5A31D7

■ 5A31D7

■ 4A1CD7

■ 6A47D7

■ 3A06D7

■ 7A5CD7

■ 3500D7

■ 8B72D7

■ 9B87D7

■ AB9DD7

■ BBB2D7

■ CBC8D7

■ DCDDD7

■ ECF3D7

Harmonies

Analogous

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



005EF7



5A31D7



BA0095

Triad

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



5A31D7



983600



007167

Complementary

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



5A31D7



AED731

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.



006E09



5A31D7



5A5A00

Square

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



5A31D7



C40000



006800



0072B4

Rectangle

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



5A31D7



D00062



006800



00704B

Sweetspot

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



5A31D7



D3C4FF



31B0D7



655C80



000000



808080

Same Dimension

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



5A31D7



4C12FF



AB31D7



63606B



2A00AB



0B002B

Inverse Universe

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



D731AE



FF12C4



5DD731



6B6068



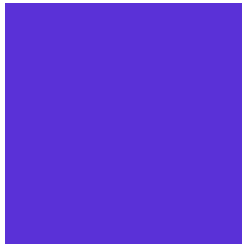
AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 5A31D7 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

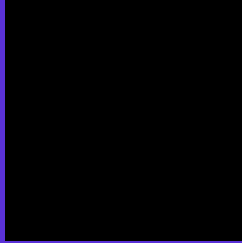
Any Text WCAG AA × Fail

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 5A31D7 Background



This preview shows how black text looks on a background with the Hex color 5A31D7.

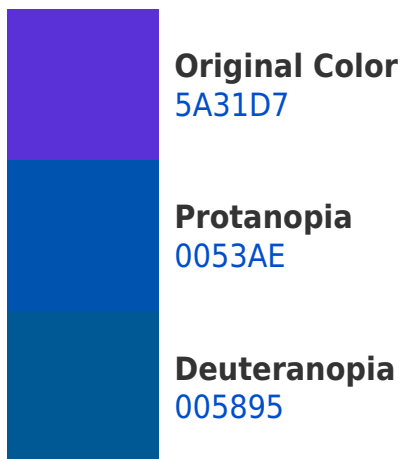


This preview shows how white text looks on a background with the Hex color 5A31D7.

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



Trichromacy



Original Color
5A31D7



Protanomaly
2147BD



Deuteranomaly
214AAD



Tritanomaly
3B4D8E

Monochromacy



Original Color
5A31D7



Achromatopsia
505050



Achromatomaly
544581

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A31D7 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 #5A31D7 looks like.

```
.text, #text, p{  
    color:#5A31D7  
}
```

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 #5A31D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A31D7
}
```

Border

The CSS property to change the border of an element to Hex 5A31D7 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
#5A31D7 }
```

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

```
.border{ border-color:#5A31D7 }
```

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

Here you see how a box with a 4 pixel #5A31D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A31D7; -webkit-box-shadow:4px 4px  
4px 4px #5A31D7; box-shadow:4px 4px 4px  
4px #5A31D7 }
```

Background

The CSS property to change the background color of an element to Hex 5A31D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A31D7 }
```

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

```
.background{ background-color:#5A31D7 }
```

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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