

Converting Colors

Hex(5213D1)

Have a look what the booklet for
Hex(5213D1) contains.

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Color

Hex(5213D1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5213D1 |
| RGB | 82, 19, 209 |
| RGB Percent | 32%, 7%, 82% |
| CMY | 0.6784, 0.9255, 0.1804 |
| CMYK | 0.61, 0.91, 0.00, 0.18 |
| HSL | 260°, 83%, 45% |
| HSV | 260°, 91%, 82% |
| XYZ | 15.2212, 6.8630, 60.8441 |
| YIQ | 59.4970, -23.4420, 72.4460 |

Conversions

Conversions Part 2

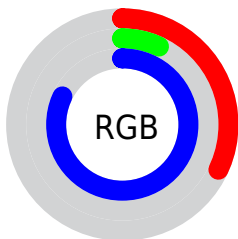
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 82, 19, 209 |
| Decimal | 5379025 |
| CIE Lab | 31.49, 66.81, -82.85 |
| CIE LCh | 31, 106.432, 308.884 |
| Yxy | 6.8630, 0.1835, 0.0828 |
| Android (android.graphics.Color) | 4283569105 (0xFF5213D1) |
| YUV | 59.4970, 73.7050, 19.7351 |
| Hunter-Lab | 26.1974, 57.8664, -119.3642 |

Details

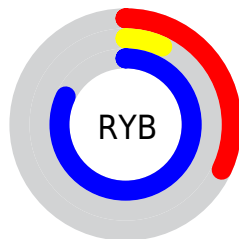
The Hex color **5213D1** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **92D113**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **924EFF**, and **000099** is the 20% darker color. If you saturate the color by 10%, you get **4500D1**, and if you desaturate by 10%, it is **6028D1**.

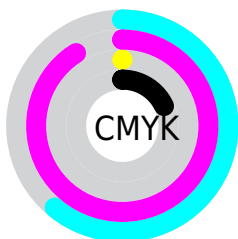
Distribution



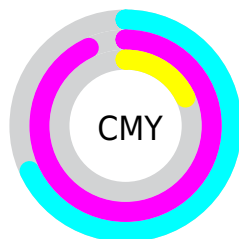
- Red (32%)
- Green (7%)
- Blue (82%)



- Red (32%)
- Yellow (7%)
- Blue (82%)



- Cyan (61%)
- Magenta (91%)
- Yellow (0%)
- Black (18%)



- Cyan (68%)
- Magenta (93%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5213D1 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 5213D1 by changing the saturation by 10% instead.

■ 5213D1

■ 5213D1

FFFFFF

■ 2B00B5

■ 924EFF

■ 000099

■ B169FF

■ 00007E

■ D084FF

■ 000064

■ EFA0FF

■ 00094B

■ FFBCFF

■ 000433

■ FFD9FF

■ 00021D

■ FFF6FF

■ 000000

■ 5213D1

■ 5213D1

■ 4500D1

■ 6028D1

■ 6E3DD1

■ 7C52D1

■ 8A67D1

■ 987BD1

■ A690D1

■ B4A5D1

■ C2BAD1

■ D0CFD1

Harmonies

Analogous

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



0053F7



5213D1



B60088

Triad

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



5213D1



892A00



006462

Complementary

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



5213D1



92D113

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.



006100



5213D1



455000

Square

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



5213D1



B80000



005D00



0066B5

Rectangle

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



5213D1



CB0052



005D00



006345

Sweetspot

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



5213D1



D1BAFF



1395D1



645780



000000



808080

Same Dimension

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



5213D1



5500FF



AE13D1



625E69



3800A8



0E0029

Inverse Universe

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



D11392



FF00AA



36D113



695E65



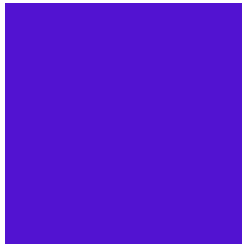
A80070



29001B

Previews

White Background



This preview shows how the Hex color 5213D1 looks on a white background.

Color Contrast Check

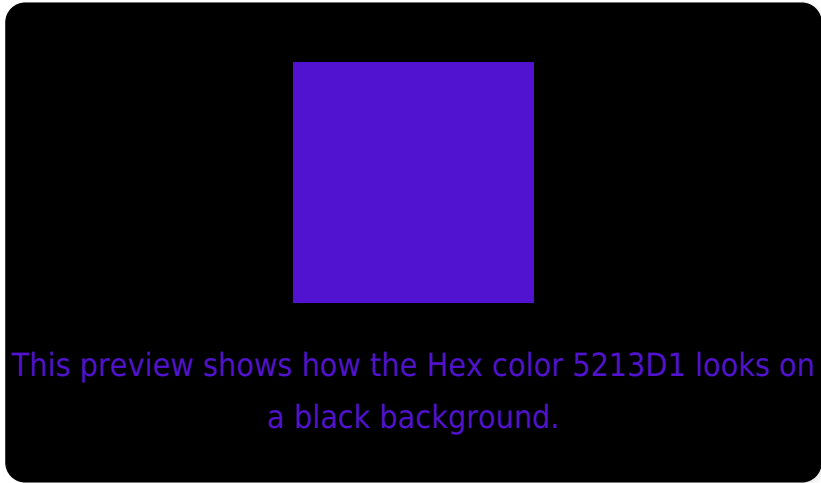
Large Text (above 18pt) WCAG AA ✓ Pass

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

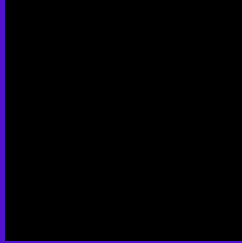
Any Text WCAG AA × Fail

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 5213D1 Background



This preview shows how black text looks on a background with the Hex color 5213D1.

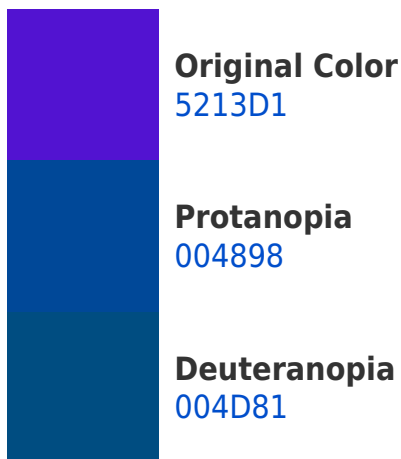


This preview shows how white text looks on a background with the Hex color 5213D1.

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
115259

Trichromacy



Original Color
5213D1



Protanomaly
1E35AD



Deuteranomaly
1E389E



Tritanomaly
293B85

Monochromacy



Original Color
5213D1



Achromatopsia
3B3B3B



Achromatomaly
432C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 5213D1 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 #5213D1 looks like.

```
.text, #text, p{  
    color:#5213D1  
}
```

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 #5213D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5213D1
}
```

Border

The CSS property to change the border of an element to Hex 5213D1 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
#5213D1 }
```

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

```
.border{ border-color:#5213D1 }
```

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

Here you see how a box with a 4 pixel #5213D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5213D1; -webkit-box-shadow:4px 4px  
4px 4px #5213D1; box-shadow:4px 4px 4px  
4px #5213D1 }
```

Background

The CSS property to change the background color of an element to Hex 5213D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5213D1 }
```

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

```
.background{ background-color:#5213D1 }
```

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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