

Converting Colors

Hex(5825DA)

Have a look what the booklet for
Hex(5825DA) contains.

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Color

Hex(5825DA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5825DA |
| RGB | 88, 37, 218 |
| RGB Percent | 35%, 15%, 85% |
| CMY | 0.6549, 0.8549, 0.1451 |
| CMYK | 0.60, 0.83, 0.00, 0.15 |
| HSL | 257°, 71%, 50% |
| HSV | 257°, 83%, 85% |
| XYZ | 17.3410, 8.4598, 67.0486 |
| YIQ | 72.8830, -27.7050, 67.1030 |

Conversions

Conversions Part 2

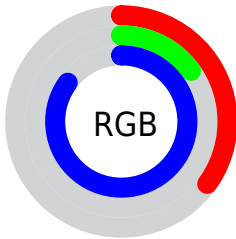
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 88, 37, 218 |
| Decimal | 5776858 |
| CIELab | 34.92, 64.09, -82.36 |
| CIElCh | 35, 104.355, 307.890 |
| Yxy | 8.4598, 0.1868, 0.0911 |
| Android (android.graphics.Color) | 4283966938 (0xFF5825DA) |
| YUV | 72.8830, 71.5427, 13.2576 |
| Hunter-Lab | 29.0857, 55.5219, -116.3156 |

Details

The Hex color **5825DA** 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 **A7DA25**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **985BFF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **480FDA**, and if you desaturate by 10%, it is **683BDA**.

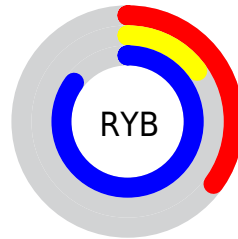
Distribution



Red (35%)

Green (15%)

Blue (85%)



Red (35%)

Yellow (15%)

Blue (85%)

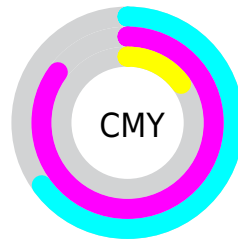


Cyan (60%)

Magenta (83%)

Yellow (0%)

Black (15%)



Cyan (65%)

Magenta (85%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5825DA 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 5825DA by changing the saturation by 10% instead.

 5825DA

 5825DA

FFFFFF

 3300BD

 985BFF

 0000A1

 B776FF

 000086

 D591FF

 00006C

 F4ACFF

 000B52

 FFC9FF

 00063A

 FFE5FF

 000224

 00000B

 000000

■ 5825DA

■ 5825DA

■ 480FDA

■ 683BDA

■ 3D00DA

■ 7751DA

■ 8766DA

■ 977CDA

■ A692DA

■ B6A8DA

■ C6BEDA

■ D5D3DA

■ E5E9DA

Harmonies

Analogous

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



005BFE



5825DA



BD0093

Triad

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



5825DA



943100



006D67

Complementary

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



5825DA



A7DA25

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.



006B00



5825DA



515700

Square

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



5825DA



C30000



006500



006FB9

Rectangle

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



5825DA



D3005C



006500



006C4A

Sweetspot

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



5825DA



D1BFFF



25AADA



645980



000000



808080

Same Dimension

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



5825DA



4800FF



B025DA



66636E



3100AD



0D002E

Inverse Universe

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



DA25A7



FF00B7



4FDA25



6E636B



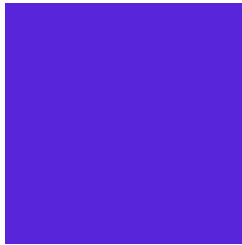
AD007D



2E0021

Previews

White Background



This preview shows how the Hex color 5825DA 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

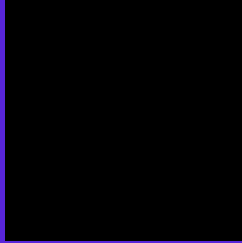
Any Text WCAG AA × Fail

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 5825DA Background



This preview shows how black text looks on a background with the Hex color 5825DA.

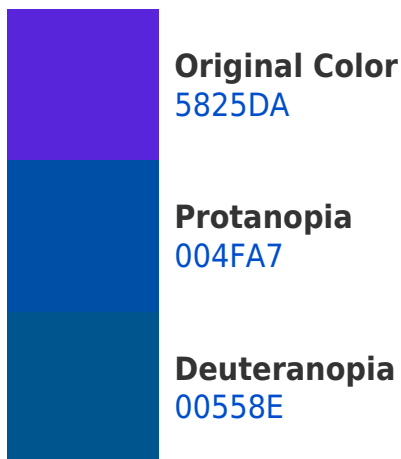



This preview shows how white text looks on a background with the Hex color 5825DA.

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
205A61

Trichromacy



Original Color
5825DA



Protanomaly
2040BA



Deuteranomaly
2044AA



Tritanomaly
34478D

Monochromacy



Original Color
5825DA



Achromatopsia
494949



Achromatomaly
4E3C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5825DA 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 #5825DA looks like.

```
.text, #text, p{  
    color:#5825DA  
}
```

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 #5825DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5825DA
}
```

Border

The CSS property to change the border of an element to Hex 5825DA 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
#5825DA }
```

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

```
.border{ border-color:#5825DA }
```

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

Here you see how a box with a 4 pixel #5825DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5825DA; -webkit-box-shadow:4px 4px  
4px 4px #5825DA; box-shadow:4px 4px 4px  
4px #5825DA }
```

Background

The CSS property to change the background color of an element to Hex 5825DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5825DA }
```

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

```
.background{ background-color:#5825DA }
```

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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