

Converting Colors

Hex(5832D7)

Have a look what the booklet for
Hex(5832D7) contains.

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Color

Hex(5832D7)

Conversions

Conversions Part 1

Format	Color
Hex	5832D7
RGB	88, 50, 215
RGB Percent	35%, 20%, 84%
CMY	0.6549, 0.8039, 0.1569
CMYK	0.59, 0.77, 0.00, 0.16
HSL	254°, 67%, 52%
HSV	254°, 77%, 84%
XYZ	17.4308, 9.2622, 65.1591
YIQ	80.1720, -30.3170, 59.3710

Conversions

Conversions Part 2

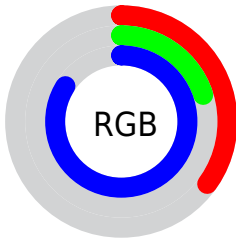
Format	Color
R_{YB}	88, 50, 215
Decimal	5780183
CIE _{Lab}	36.48, 57.85, -78.05
CIE _{LCh}	36, 97.150, 306.545
Yxy	9.2622, 0.1898, 0.1008
Android (android.graphics.Color)	4283970263 (0xFF5832D7)
YUV	80.1720, 66.4702, 6.8652
Hunter-Lab	30.4339, 48.9757, -105.6364

Details

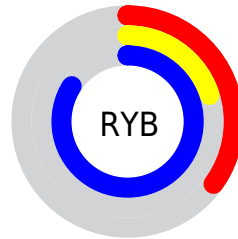
The Hex color **5832D7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B1D732**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9765FF**, and **00009F** is the 20% darker color. If you saturate the color by 10%, you get **471CD7**, and if you desaturate by 10%, it is **6947D7**.

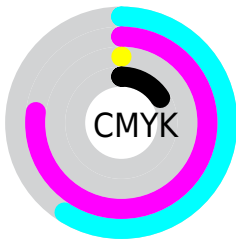
Distribution



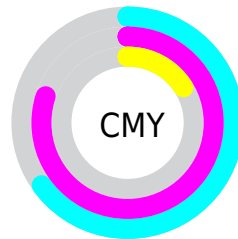
- Red (35%)
- Green (20%)
- Blue (84%)



- Red (35%)
- Yellow (20%)
- Blue (84%)



- Cyan (59%)
- Magenta (77%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (80%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5832D7 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 5832D7 by changing the saturation by 10% instead.

■ 5832D7

■ 5832D7

FFFFFF

■ 3417BB

■ 9765FF

■ 00009F

■ B580FF

■ 000084

■ D49BFF

■ 000069

■ F2B6FF

■ 000A50

■ FFD2FF

■ 000538

■ FFEFFF

■ 000222

■ 000007

■ 000000

■ 5832D7

■ 5832D7

■ 471CD7

■ 6947D7

■ 3707D7

■ 795DD7

■ 3200D7

■ 8A73D7

■ 9A88D7

■ AB9ED7

■ BBB3D7

■ CCC9D7

■ DCDED7

■ EDF3D7

Harmonies

Analogous

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



005EF7



5832D7



B90096

Triad

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



5832D7



983600



007166

Complementary

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



5832D7



B1D732

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.



006E07



5832D7



5A5900

Square

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



5832D7



C40000



006800



0072B3

Rectangle

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



5832D7



D00063



006800



00704A

Sweetspot

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



5832D7



D2C4FF



32B3D7



645C80



000000



808080

Same Dimension

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



5832D7



4A14FF



A832D7



63606B



2700AB



0A002B

Inverse Universe

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



D732B1



FF14C9



61D732



6B6069



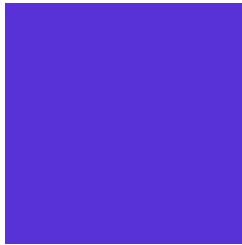
AB0084



2B0021

Previews

White Background



This preview shows how the Hex color 5832D7 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

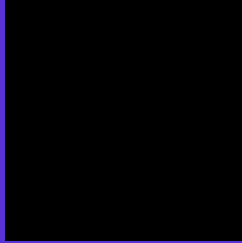
Any Text WCAG AA × Fail

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 5832D7 Background



This preview shows how black text looks on a background with the Hex color 5832D7.

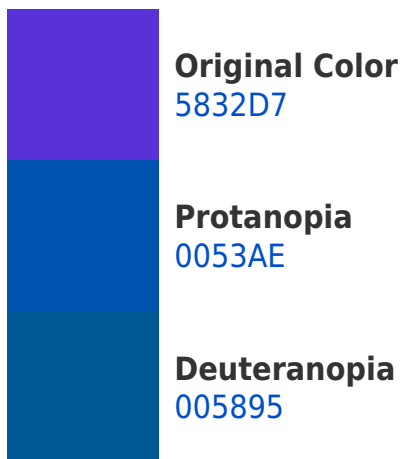



This preview shows how white text looks on a background with the Hex color 5832D7.

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
265D65

Trichromacy



Original Color
5832D7



Protanomaly
2047BD



Deuteranomaly
204AAD



Tritanomaly
384D8E

Monochromacy



Original Color
5832D7



Achromatopsia
505050



Achromatomaly
534581

CSS Examples

Text

The CSS property to change the color of the text to Hex 5832D7 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 #5832D7 looks like.

```
.text, #text, p{  
    color:#5832D7  
}
```

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 #5832D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5832D7
}
```

Border

The CSS property to change the border of an element to Hex 5832D7 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
#5832D7 }
```

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

```
.border{ border-color:#5832D7 }
```

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

Here you see how a box with a 4 pixel #5832D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5832D7; -webkit-box-shadow:4px 4px  
4px 4px #5832D7; box-shadow:4px 4px 4px  
4px #5832D7 }
```

Background

The CSS property to change the background color of an element to Hex 5832D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5832D7 }
```

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

```
.background{ background-color:#5832D7 }
```

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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