

Converting Colors

Hex(582DD8)

Have a look what the booklet for
Hex(582DD8) contains.

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Color

Hex(582DD8)

Conversions

Conversions Part 1

Format	Color
Hex	582DD8
RGB	88, 45, 216
RGB Percent	35%, 18%, 85%
CMY	0.6549, 0.8235, 0.1529
CMYK	0.59, 0.79, 0.00, 0.15
HSL	255°, 69%, 51%
HSV	255°, 79%, 85%
XYZ	17.3576, 8.9093, 65.7706
YIQ	77.3510, -29.2630, 62.2970

Conversions

Conversions Part 2

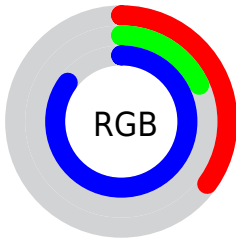
Format	Color
RYB	88, 45, 216
Decimal	5778904
CIELab	35.81, 60.36, -79.74
CIELCh	36, 100.007, 307.124
Yxy	8.9093, 0.1886, 0.0968
Android (android.graphics.Color)	4283968984 (0xFF582DD8)
YUV	77.3510, 68.3540, 9.3392
Hunter-Lab	29.8485, 51.5666, -109.7502

Details

The Hex color **582DD8** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **ADD82D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9761FF**, and **0000A0** is the 20% darker color. If you saturate the color by 10%, you get **4817D8**, and if you desaturate by 10%, it is **6843D8**.

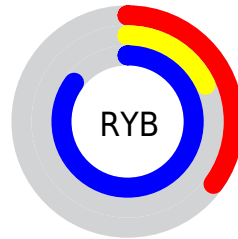
Distribution



Red (35%)

Green (18%)

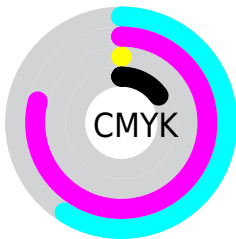
Blue (85%)



Red (35%)

Yellow (18%)

Blue (85%)

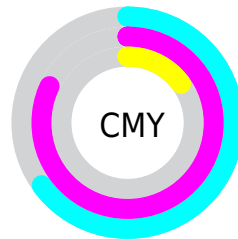


Cyan (59%)

Magenta (79%)

Yellow (0%)

Black (15%)



Cyan (65%)

Magenta (82%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582DD8 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 582DD8 by changing the saturation by 10% instead.

■ 582DD8

■ 582DD8

FFFFFF

■ 3310BB

■ 9761FF

■ 0000A0

■ B67CFF

■ 000085

■ D496FF

■ 00006A

■ F3B2FF

■ 000B51

■ FFCEFF

■ 000539

■ FFE8FF

■ 000222

■ 000009

■ 000000

■ 582DD8

■ 582DD8

■ 4817D8

■ 6843D8

■ 3802D8

■ 7858D8

■ 3600D8

■ 896ED8

■ 9983D8

■ A999D8

■ B9AFD8

■ C9C4D8

■ D9DAD8

■ EAEFD8

Harmonies

Analogous

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



005DFA



582DD8



BA0094

Triad

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



582DD8



963400



006F66

Complementary

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



582DD8



ADD82D

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.



006C04



582DD8



575800

Square

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



582DD8



C30000



006700



0071B6

Rectangle

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



582DD8



D10060



006700



006E4A

Sweetspot

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



582DD8



D1C2FF



2DADD8



645B80



000000



808080

Same Dimension

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



582DD8



4A0DFF



AD2DD8



63606B



2B00AB



0B002B

Inverse Universe

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



D82DAD



FF0DC2



58D82D



6B6068



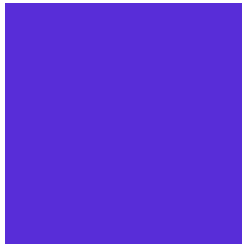
AB0080



2B0020

Previews

White Background



This preview shows how the Hex color 582DD8 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

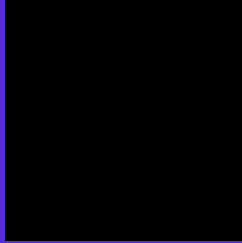
Any Text WCAG AA × Fail

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 582DD8 Background



This preview shows how black text looks on a background with the Hex color 582DD8.

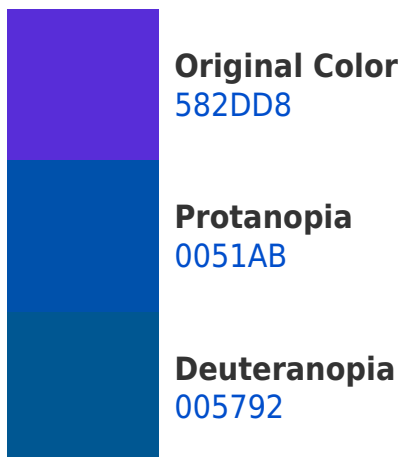



This preview shows how white text looks on a background with the Hex color 582DD8.

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
235C63

Trichromacy



Original Color
582DD8



Protanomaly
2044BB



Deuteranomaly
2048AB



Tritanomaly
364B8E

Monochromacy



Original Color
582DD8



Achromatopsia
4D4D4D



Achromatomaly
514180

CSS Examples

Text

The CSS property to change the color of the text to Hex 582DD8 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 #582DD8 looks like.

```
.text, #text, p{  
    color:#582DD8  
}
```

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 #582DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582DD8
}
```

Border

The CSS property to change the border of an element to Hex 582DD8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

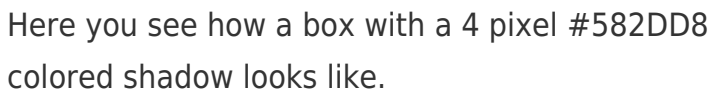
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#582DD8 }
```

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

```
.border{ border-color:#582DD8 }
```

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



Here you see how a box with a 4 pixel #582DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582DD8; -webkit-box-shadow:4px 4px  
4px 4px #582DD8; box-shadow:4px 4px 4px  
4px #582DD8 }
```

Background

The CSS property to change the background color of an element to Hex 582DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582DD8 }
```

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

```
.background{ background-color:#582DD8 }
```

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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