

Converting Colors

Hex(542DC8)

Have a look what the booklet for
Hex(542DC8) contains.

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Color

Hex(542DC8)

Conversions

Conversions Part 1

Format	Color
Hex	542DC8
RGB	84, 45, 200
RGB Percent	33%, 18%, 78%
CMY	0.6706, 0.8235, 0.2157
CMYK	0.58, 0.77, 0.00, 0.22
HSL	255°, 63%, 48%
HSV	255°, 77%, 78%
XYZ	15.0199, 7.9317, 55.3829
YIQ	74.3310, -26.5110, 56.4730

Conversions

Conversions Part 2

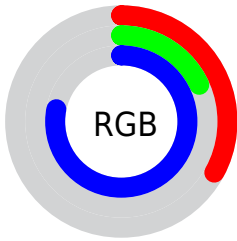
Format	Color
R _Y B	84, 45, 200
Decimal	5516744
CIE Lab	33.84, 55.49, -73.72
CIE LCh	34, 92.270, 306.971
Yxy	7.9317, 0.1917, 0.1013
Android (android.graphics.Color)	4283706824 (0xFF542DC8)
YUV	74.3310, 61.9548, 8.4797
Hunter-Lab	28.1633, 45.9106, -96.8790

Details

The Hex color **542DC8** 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 **A1C82D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9160FF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **4519C8**, and if you desaturate by 10%, it is **6341C8**.

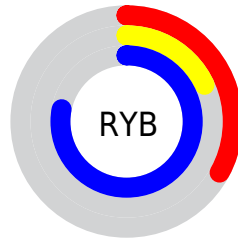
Distribution



Red (33%)

Green (18%)

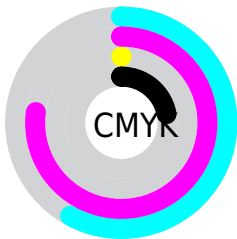
Blue (78%)



Red (33%)

Yellow (18%)

Blue (78%)

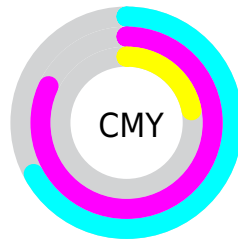


Cyan (58%)

Magenta (77%)

Yellow (0%)

Black (22%)



Cyan (67%)

Magenta (82%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Hex color 542DC8 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 542DC8 by changing the saturation by 10% instead.

 542DC8

 542DC8


FFFFFF

 3112AC

 9160FF

 000091

 AF7AFF

 000076

 CD95FF

 00005C

 ECB0FF


 000744

 FCC0FF

 00032C

 FFE9FF

 000117

 000000

 542DC8

 542DC8

■ 4519C8

■ 6341C8

■ 3605C8

■ 7255C8

■ 3200C8

■ 8169C8

■ 907DC8

■ 9F91C8

■ AEA5C8

■ BDB9C8

■ CCCDC8

■ DBE1C8

Harmonies

Analogous

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



0057E6



542DC8



AD008B

Triad

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



542DC8



8D3200



006960

Complementary

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



542DC8



A1C82D

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.



006608



542DC8



535300

Square

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



542DC8



B60000



006100



006AA8

Rectangle

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



542DC8



C2005B



006100



006846

Sweetspot

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



542DC8



D3C4FF



2DA1C8



655C80



000000



808080

Same Dimension

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



542DC8



4E12FF



A12DC8



5C5A63



2900A3



090024

Inverse Universe

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



C82DA1



FF12C3



54C82D



635A61



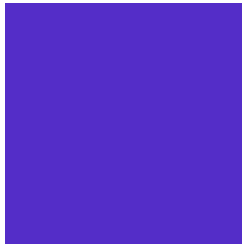
A3007A



24001B

Previews

White Background



This preview shows how the Hex color 542DC8 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

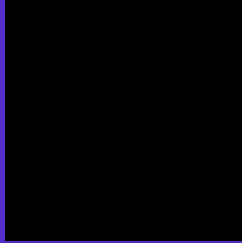
Any Text WCAG AA × Fail

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 542DC8 Background



This preview shows how black text looks on a background with the Hex color 542DC8.

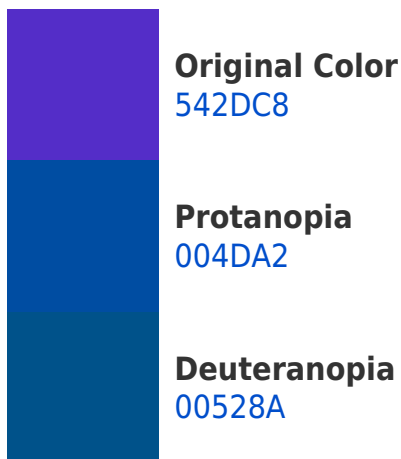


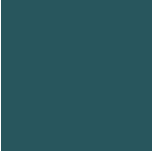
This preview shows how white text looks on a background with the Hex color 542DC8.

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
28565D

Trichromacy



Original Color
542DC8

Protanomaly
1F41B0

Deuteranomaly
1F45A1

Tritanomaly
384784

Monochromacy



Original Color
542DC8

Achromatopsia
4A4A4A

Achromatomaly
4E3F78

CSS Examples

Text

The CSS property to change the color of the text to Hex 542DC8 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 #542DC8 looks like.

```
.text, #text, p{  
    color:#542DC8  
}
```

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 #542DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #542DC8
}
```

Border

The CSS property to change the border of an element to Hex 542DC8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

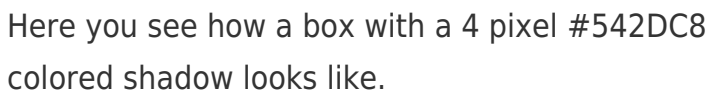
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#542DC8 }
```

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

```
.border{ border-color:#542DC8 }
```

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



Here you see how a box with a 4 pixel #542DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #542DC8; -webkit-box-shadow:4px 4px  
4px 4px #542DC8; box-shadow:4px 4px 4px  
4px #542DC8 }
```

Background

The CSS property to change the background color of an element to Hex 542DC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#542DC8 }
```

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

```
.background{ background-color:#542DC8 }
```

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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