

Converting Colors

Hex(540CA5)

Have a look what the booklet for
Hex(540CA5) contains.

Hex(540CA5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(540CA5)

Conversions

Conversions Part 1

Format	Color
Hex	540CA5
RGB	84, 12, 165
RGB Percent	33%, 5%, 65%
CMY	0.6706, 0.9529, 0.3529
CMYK	0.49, 0.93, 0.00, 0.35
HSL	268°, 86%, 35%
HSV	268°, 93%, 65%
XYZ	10.5792, 4.8644, 35.9786
YIQ	50.9700, -6.2010, 62.8470

Conversions

Conversions Part 2

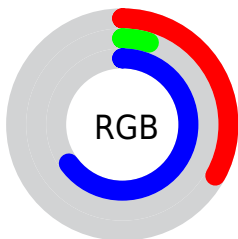
Format	Color
R_{YB}	84, 12, 165
Decimal	5508261
CIE _{Lab}	26.34, 57.99, -65.26
CIE _{LCh}	26, 87.305, 311.626
Yxy	4.8644, 0.2057, 0.0946
Android (android.graphics.Color)	4283698341 (0xFF540CA5)
YUV	50.9700, 56.2168, 28.9673
Hunter-Lab	22.0553, 47.0233, -81.2805

Details

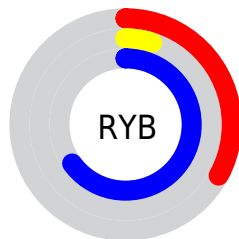
The Hex color **540CA5** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5DA50C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8E47DD**, and **0D0070** is the 20% darker color. If you saturate the color by 10%, you get **4E00A5**, and if you desaturate by 10%, it is **5D1CA5**.

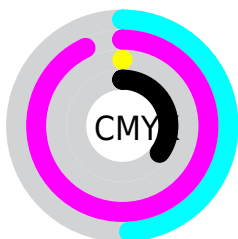
Distribution



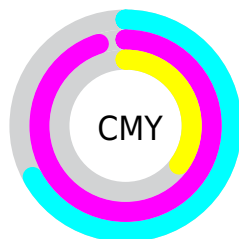
- Red (33%)
- Green (5%)
- Blue (65%)



- Red (33%)
- Yellow (5%)
- Blue (65%)



- Cyan (49%)
- Magenta (93%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (95%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 540CA5 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 540CA5 by changing the saturation by 10% instead.

540CA5

540CA5

FFFFFF

35008A

8E47DD

0D0070

AB62FA

000056

C97CFF

00063E

E697FF

000327

FFB3FF

000110

FFD0FF

000000

FFECFF

540CA5

540CA5

■ 4E00A5

■ 5D1CA5

■ 652DA5

■ 6E3DA5

■ 774EA5

■ 805EA5

■ 886FA5

■ 917FA5

■ 9A90A5

■ A3A0A5

Harmonies

Analogous

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



0042C6



540CA5



99006A

Triad

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



540CA5



6D2A00



005458

Complementary

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



540CA5



5DA50C

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.



00520D



540CA5



354400

Square

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



540CA5



950000



004E00



005698

Rectangle

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



540CA5



A7003E



004E00



005341

Sweetspot

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



540CA5



B69AD6



0C5EA5



58476B



EBEBEB



6B6B6B

Same Dimension

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



540CA5



6500D6



A00CA5



4D4952



440091



080012

Inverse Universe

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



A50C5D



D60071



11A50C



52494E



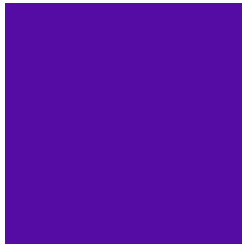
91004D



120009

Previews

White Background



This preview shows how the Hex color 540CA5 looks on a white background.

Color Contrast Check

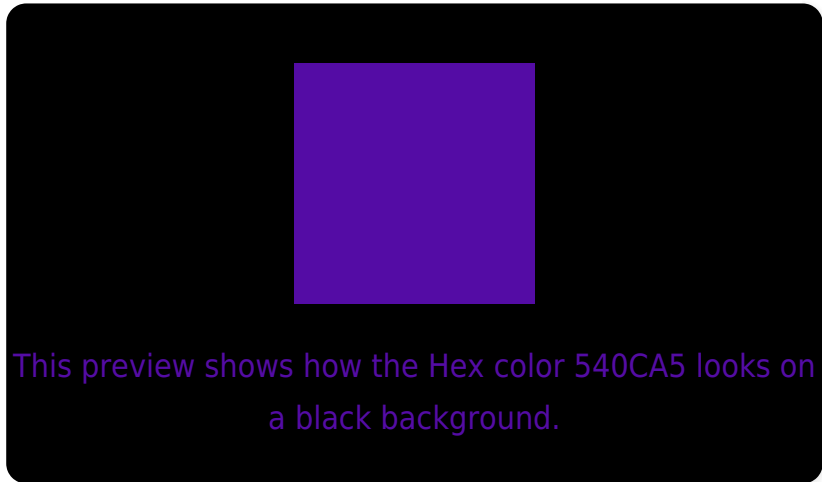
Large Text (above 18pt) WCAG AA ✓ Pass

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

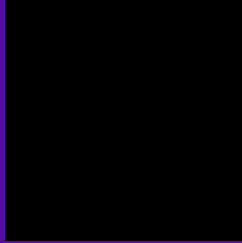
Any Text WCAG AA × Fail

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 540CA5 Background



This preview shows how black text looks on a background with the Hex color 540CA5.



This preview shows how white text looks on a background with the Hex color 540CA5.

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](#).

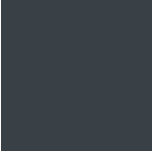
Dichromacy



Original Color
540CA5

Protanopia
003E82

Deuteranopia
00426F



Tritanopia
3A4146

Trichromacy



Original Color
540CA5

Protanomaly
1F2C8F

Deuteranomaly
1F2E83

Tritanomaly
432E69

Monochromacy



Original Color
540CA5

Achromatopsia
333333

Achromatomaly
3F255C

CSS Examples

Text

The CSS property to change the color of the text to Hex 540CA5 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 #540CA5 looks like.

```
.text, #text, p{  
    color:#540CA5  
}
```

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 #540CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #540CA5
}
```

Border

The CSS property to change the border of an element to Hex 540CA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

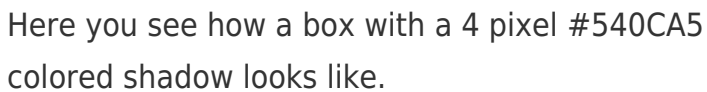
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#540CA5 }
```

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

```
.border{ border-color:#540CA5 }
```

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



Here you see how a box with a 4 pixel #540CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #540CA5; -webkit-box-shadow:4px 4px  
4px 4px #540CA5; box-shadow:4px 4px 4px  
4px #540CA5 }
```

Background

The CSS property to change the background color of an element to Hex 540CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#540CA5 }
```

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

```
.background{ background-color:#540CA5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor