

# Converting Colors

Hex(540BDC)

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

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**Color**

**Hex(540BDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	540BDC
RGB	84, 11, 220
RGB Percent	33%, 4%, 86%
CMY	0.6706, 0.9569, 0.1373
CMYK	0.62, 0.95, 0.00, 0.14
HSL	261°, 90%, 45%
HSV	261°, 95%, 86%
XYZ	16.6941, 7.2915, 68.2377
YIQ	56.6530, -23.5810, 80.4750

# Conversions

## Conversions Part 2

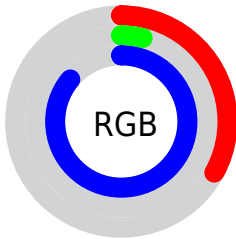
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 11, 220
Decimal	5508060
CIE <sub>Lab</sub>	32.46, 71.13, -87.60
CIE <sub>LCh</sub>	32, 112.839, 309.075
Yxy	7.2915, 0.1810, 0.0791
Android (android.graphics.Color)	4283698140 (0xFF540BDC)
YUV	56.6530, 80.5301, 23.9833
Hunter-Lab	27.0027, 63.1006, -130.9279

# Details

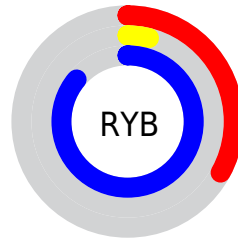
The Hex color **540BDC** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **93DC0B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **964CFF**, and **0000A3** is the 20% darker color. If you saturate the color by 10%, you get **4D00DC**, and if you desaturate by 10%, it is **6221DC**.

# Distribution



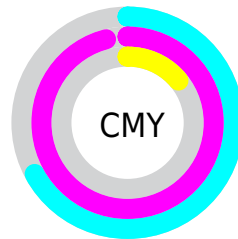
- Red (33%)
- Green (4%)
- Blue (86%)



- Red (33%)
- Yellow (4%)
- Blue (86%)



- Cyan (62%)
- Magenta (95%)
- Yellow (0%)
- Black (14%)



- Cyan (67%)
- Magenta (96%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



■ 540BDC

■ 540BDC

FFFFFF

■ 2B00BF

■ 964CFF

■ 0000A3

■ B568FF

■ 000088

■ D483FF

■ 00006D

■ F49FFF

■ 000B54

■ FFBBFF

■ 00063C

■ FFD8FF

■ 000225

■ FFF5FF

■ 00010D

■ 000000

■ 540BDC

■ 540BDC

■ 4D00DC

■ 6221DC

■ 7137DC

■ 7F4DDC

■ 8D63DC

■ 9C79DC

■ AA8FDC

■ B8A5DC

■ C7BBDC

■ D5D1DC

# Harmonies

## Analogous

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



0056FF



540BDC



BF008E

# Triad

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



540BDC



8E2A00



006767

# Complementary

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



540BDC



93DC0B

# 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.



006500



540BDC



455200

# Square

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



540BDC



C00000



006000



006ABF

# Rectangle

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



540BDC



D50054



006000



006648



# Sweetspot

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



540BDC



CFB5FF



0B96DC



625380



000000



808080



# Same Dimension

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



540BDC



5900FF



B90BDC



67636E



3D00AD



10002E



# Inverse Universe

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



DC0B93



FF00A6



2EDC0B



6E636A



AD0071

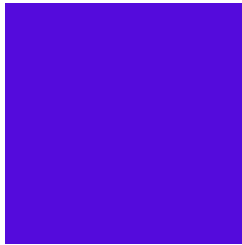


2E001E



# Previews

## White Background



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

## Color Contrast Check

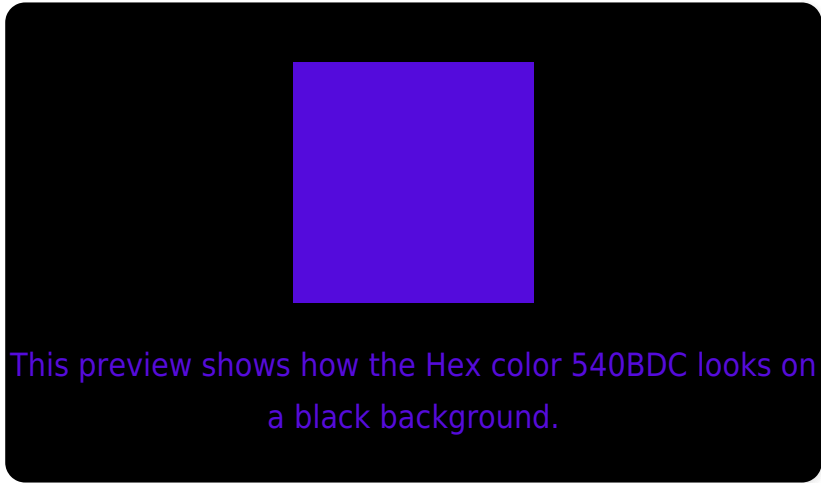
Large Text (above 18pt) WCAG AA ✓ Pass

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

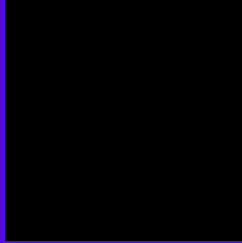
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 540BDC Background



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



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

# 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



# Trichromacy



**Original Color**  
540BDC

**Protanomaly**  
1F34B3

**Deuteranomaly**  
1F37A5

# Monochromacy



**Original Color**  
540BDC

**Achromatopsia**  
393939

**Achromatomaly**  
432874

# CSS Examples

## Text

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

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

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 #540BDC colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 540BDC 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".

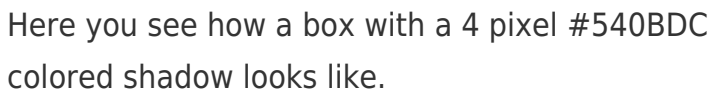
```
.border, #border, table{ border:4px solid
#540BDC }
```

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

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

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

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

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

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

# Background

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

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

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

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

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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