

Converting Colors

Hex(3540B5)

Have a look what the booklet for
Hex(3540B5) contains.

Hex(3540B5)	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(3540B5)

Conversions

Conversions Part 1

Format	Color
Hex	3540B5
RGB	53, 64, 181
RGB Percent	21%, 25%, 71%
CMY	0.7922, 0.7490, 0.2902
CMYK	0.71, 0.65, 0.00, 0.29
HSL	235°, 55%, 46%
HSV	235°, 71%, 71%
XYZ	11.6421, 7.7599, 44.6003
YIQ	74.0490, -44.1130, 34.0550

Conversions

Conversions Part 2

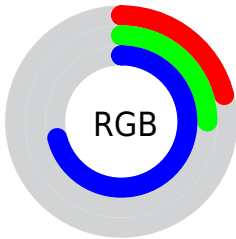
Format	Color
R _Y B	53, 63, 181
Decimal	3489973
CIE Lab	33.48, 35.05, -63.23
CIE LCh	33, 72.291, 299.001
Yxy	7.7599, 0.1819, 0.1212
Android (android.graphics.Color)	4281680053 (0xFF3540B5)
YUV	74.0490, 52.7268, -18.4600
Hunter-Lab	27.8565, 25.8515, -75.4278

Details

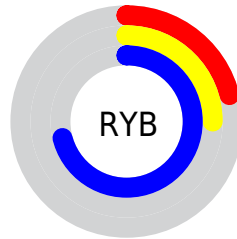
The Hex color **3540B5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B5AA35**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7470EE**, and **00167F** is the 20% darker color. If you saturate the color by 10%, you get **232FB5**, and if you desaturate by 10%, it is **4751B5**.

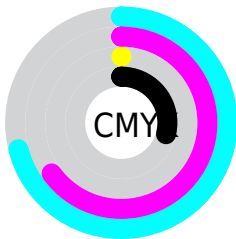
Distribution



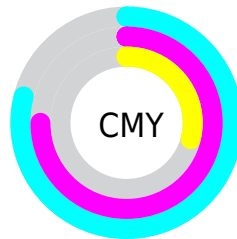
- Red (21%)
- Green (25%)
- Blue (71%)



- Red (21%)
- Yellow (25%)
- Blue (71%)



- Cyan (71%)
- Magenta (65%)
- Yellow (0%)
- Black (29%)



- Cyan (79%)
- Magenta (75%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3540B5 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 3540B5 by changing the saturation by 10% instead.

 3540B5

 3540B5

FFFFFF

 002A9A

 7470EE

 00167F

 9289FF

 000065

 AFA4FF

 00044C

 CDBFFF

 000534

 EBDBFF

 00021E

 FFF7FF

 000001

 000000

 3540B5

 3540B5

■ 232FB5

■ 4751B5

■ 111FB5

■ 5961B5

■ 0010B5

■ 6B72B5

■ 7D82B5

■ 9093B5

■ A2A3B5

■ B4B4B5

■ C6C4B5

■ D8D5B5

Harmonies

Analogous

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



0058C4



3540B5



8E088B

Triad

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



3540B5



8D3000



00644B

Complementary

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



3540B5



B5AA35

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.



006105



3540B5



634C00

Square

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



3540B5



A8001C



275B00



006585

Rectangle

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



3540B5



A60066



275B00



006437

Sweetspot

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



3540B5



B9BEEB



35B5A8



585A75



F5F5F5



757575

Same Dimension

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



3540B5



2334EB



6835B5



505159



000D99



00021A

Inverse Universe

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



B53540



EB2334



82B535



595051



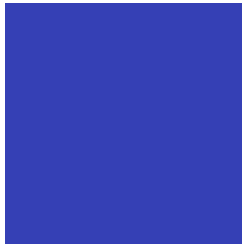
99000D



1A0002

Previews

White Background



This preview shows how the Hex color 3540B5 looks on a white background.

Color Contrast Check

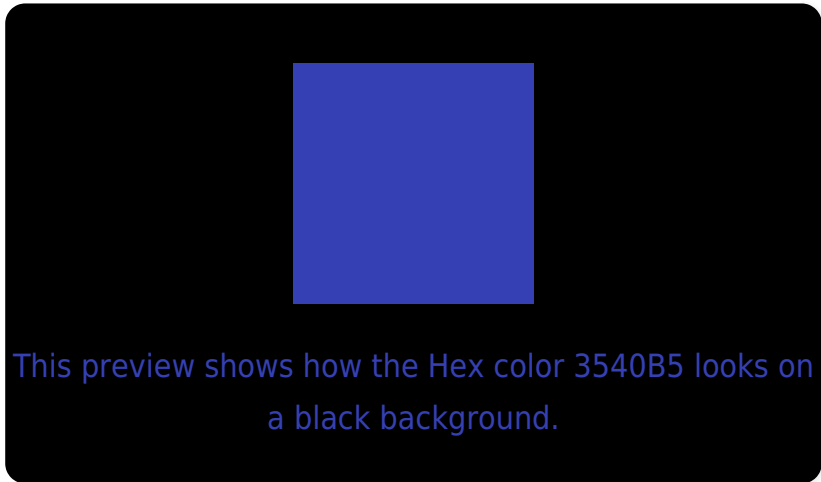
Large Text (above 18pt) WCAG AA ✓ Pass

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

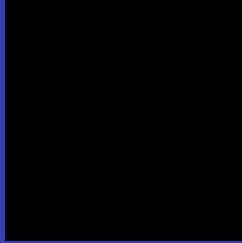
Any Text WCAG AA × Fail

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 3540B5 Background



This preview shows how black text looks on a background with the Hex color 3540B5.

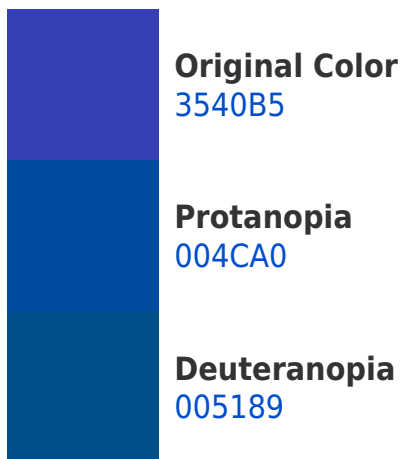



This preview shows how white text looks on a background with the Hex color 3540B5.

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
00575D

Trichromacy



Original Color
3540B5

Protanomaly
1348A8

Deuteranomaly
134B99

Tritanomaly
134F7D

Monochromacy



Original Color
3540B5

Achromatopsia
4A4A4A

Achromatomaly
424671

CSS Examples

Text

The CSS property to change the color of the text to Hex 3540B5 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 #3540B5 looks like.

```
.text, #text, p{  
    color:#3540B5  
}
```

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 #3540B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3540B5
}
```

Border

The CSS property to change the border of an element to Hex 3540B5 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
#3540B5 }
```

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

```
.border{ border-color:#3540B5 }
```

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

Here you see how a box with a 4 pixel #3540B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3540B5; -webkit-box-shadow:4px 4px  
4px 4px #3540B5; box-shadow:4px 4px 4px  
4px #3540B5 }
```

Background

The CSS property to change the background color of an element to Hex 3540B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3540B5 }
```

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

```
.background{ background-color:#3540B5 }
```

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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