

Converting Colors

Hex(6542F0)

Have a look what the booklet for
Hex(6542F0) contains.

Hex(6542F0)	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>	28

Color

Hex(6542F0)

Conversions

Conversions Part 1

Format	Color
Hex	6542F0
RGB	101, 66, 240
RGB Percent	40%, 26%, 94%
CMY	0.6039, 0.7412, 0.0588
CMYK	0.58, 0.72, 0.00, 0.06
HSL	252°, 85%, 60%
HSV	252°, 72%, 94%
XYZ	23.0432, 12.9544, 83.7240
YIQ	96.3010, -34.9940, 61.5340

Conversions

Conversions Part 2

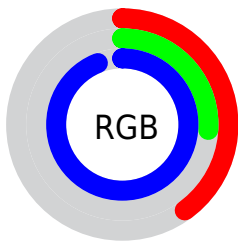
Format	Color
R _{YB}	101, 66, 240
Decimal	6636272
CIE _{Lab}	42.69, 58.78, -82.03
CIE _{LCh}	43, 100.917, 305.623
Yxy	12.9544, 0.1925, 0.1082
Android (android.graphics.Color)	4284826352 (0xFF6542F0)
YUV	96.3010, 70.8436, 4.1210
Hunter-Lab	35.9922, 51.2943, -112.7240

Details

The Hex color **6542F0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **CDF042**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A476FF**, and **080CB7** is the 20% darker color. If you saturate the color by 10%, you get **522AF0**, and if you desaturate by 10%, it is **785AF0**.

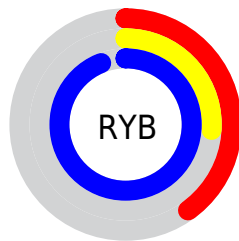
Distribution



Red (40%)

Green (26%)

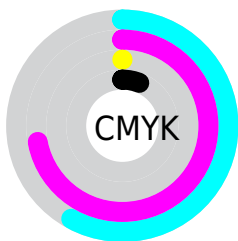
Blue (94%)



Red (40%)

Yellow (26%)

Blue (94%)

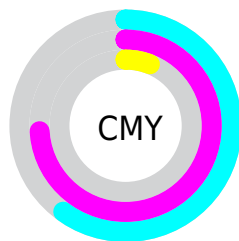


Cyan (58%)

Magenta (72%)

Yellow (0%)

Black (6%)



Cyan (60%)

Magenta (74%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6542F0 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 6542F0 by changing the saturation by 10% instead.

 6542F0

 6542F0

FFFFFF

 4229D3

 A476FF

 080CB7

 C390FF

 00009B

 E2ABFF

 000080


 FFC7FF

 000066

 FFE4FF

 00094C

 000535

 00021F

 000001

 6542F0

 6542F0

 522AF0

 785AF0

 3F12F0

 8B72F0

 3000F0

 9F8AF0

 B2A2F0

 C5BAF0

 D8D2F0

 EBEAF0

 FEFFF0

 FFFFF0

Harmonies

Analogous

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



006EFF



6542F0



CE00AC

Triad

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



6542F0



AF4200



008273

Complementary

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



6542F0



CDF042

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.



007F11



6542F0



6E6800

Square

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



6542F0



DD0002



007800



0084C6

Rectangle

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



6542F0



E70075



007800



008256

Sweetspot

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



6542F0



D2C7FF



42CDF0



655E80



000000



808080

Same Dimension

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



6542F0



4E21FF



BC42F0



6E6C78



2500B8



0B0038

Inverse Universe

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



F042CD



FF21D2



76F042



786C75



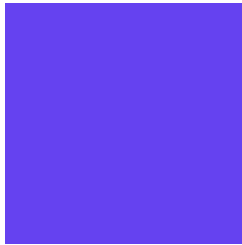
B80093



38002D

Previews

White Background



This preview shows how the Hex color 6542F0 looks on a white background.

Color Contrast Check

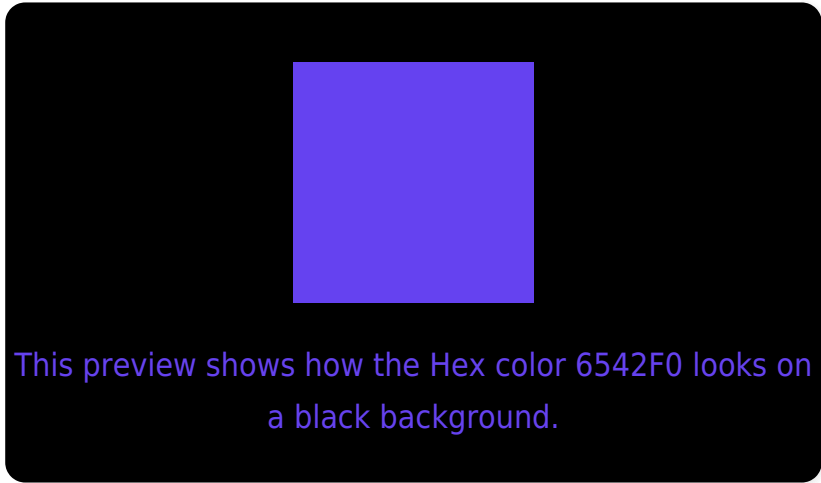
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

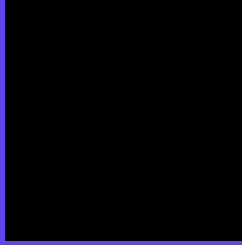
Any Text WCAG AA × Fail

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 6542F0 Background



This preview shows how black text looks on a background with the Hex color 6542F0.

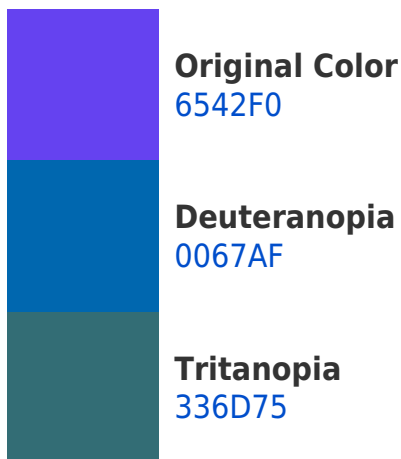


This preview shows how white text looks on a background with the Hex color 6542F0.

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
6542F0



Deuteranomaly
255AC7

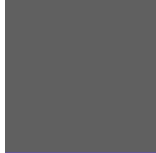


Tritanomaly
455DA2

Monochromacy



Original Color
6542F0



Achromatopsia
606060



Achromatomaly
625594

CSS Examples

Text

The CSS property to change the color of the text to Hex 6542F0 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 #6542F0 looks like.

```
.text, #text, p{  
    color:#6542F0  
}
```

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 #6542F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6542F0
}
```

Border

The CSS property to change the border of an element to Hex 6542F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

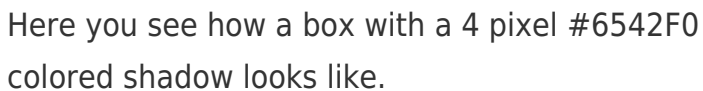
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6542F0 }
```

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

```
.border{ border-color:#6542F0 }
```

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



Here you see how a box with a 4 pixel #6542F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6542F0; -webkit-box-shadow:4px 4px  
4px 4px #6542F0; box-shadow:4px 4px 4px  
4px #6542F0 }
```

Background

The CSS property to change the background color of an element to Hex 6542F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6542F0 }
```

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

```
.background{ background-color:#6542F0 }
```

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