

Converting Colors

Hex(3754DF)

Have a look what the booklet for
Hex(3754DF) contains.

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Color

Hex(3754DF)

Conversions

Conversions Part 1

Format	Color
Hex	3754DF
RGB	55, 84, 223
RGB Percent	22%, 33%, 87%
CMY	0.7843, 0.6706, 0.1255
CMYK	0.75, 0.62, 0.00, 0.13
HSL	230°, 72%, 55%
HSV	230°, 75%, 87%
XYZ	18.0652, 12.4806, 71.2689
YIQ	91.1750, -61.9030, 37.0810

Conversions

Conversions Part 2

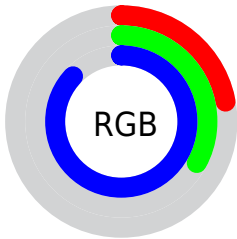
Format	Color
R _Y B	55, 80, 223
Decimal	3626207
CIE Lab	41.97, 37.61, -73.70
CIE LCh	42, 82.743, 297.033
Yxy	12.4806, 0.1774, 0.1226
Android (android.graphics.Color)	4281816287 (0xFF3754DF)
YUV	91.1750, 64.9897, -31.7255
Hunter-Lab	35.3279, 29.4534, -94.8795

Details

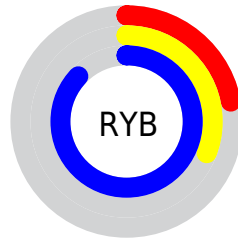
The Hex color **3754DF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **DFC237**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7E85FF**, and **0028A7** is the 20% darker color. If you saturate the color by 10%, you get **2142DF**, and if you desaturate by 10%, it is **4D66DF**.

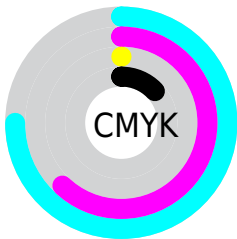
Distribution



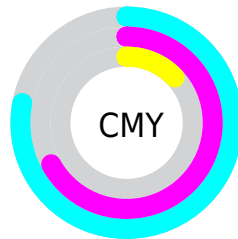
- Red (22%)
- Green (33%)
- Blue (87%)



- Red (22%)
- Yellow (31%)
- Blue (87%)



- Cyan (75%)
- Magenta (62%)
- Yellow (0%)
- Black (13%)



- Cyan (78%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3754DF 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 3754DF by changing the saturation by 10% instead.

 3754DF

 3754DF

FFFFFF

 003DC2


 7E85FF

 0028A7

 9DA0FF

 00158B

 BCBBFF

 000071

 DBD6FF

 000A57

 FAF3FF

 00063F

 000328

 000112

 000000

 3754DF

 3754DF

 2142DF

 4D66DF

 0A2FDF

 6479DF

 0026DF

 7A8BDF

 909EDF

 A7B0DF

 BDC3DF

 D3D5DF

 E9E8DF

 FFFADF

Harmonies

Analogous

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



006FEE



3754DF



AA1CAF

Triad

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



3754DF



B13C00



007D5A

Complementary

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



3754DF



DFC237

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.



007903



3754DF



7F5E00

Square

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



3754DF



CF002B



3B7100



007EAO

Rectangle

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



3754DF



C90084



3B7100



007C42

Sweetspot

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



3754DF



C4CEFF



37DFC0



5C6280



000000



808080

Same Dimension

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



3754DF



1941FF



6C37DF



656770



001EB0



000830

Inverse Universe

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



DF3754



FF1941



AADF37



706567



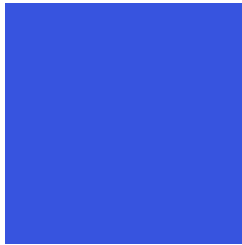
B0001E



300008

Previews

White Background



This preview shows how the Hex color 3754DF looks on a white background.

Color Contrast Check

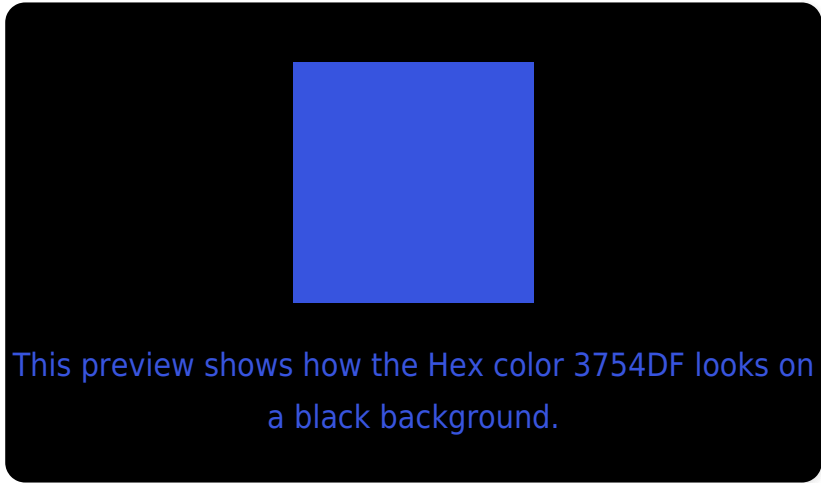
Large Text (above 18pt) WCAG AA ✓ Pass

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

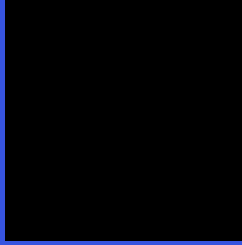
Any Text WCAG AA × Fail

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 3754DF Background



This preview shows how black text looks on a background with the Hex color 3754DF.

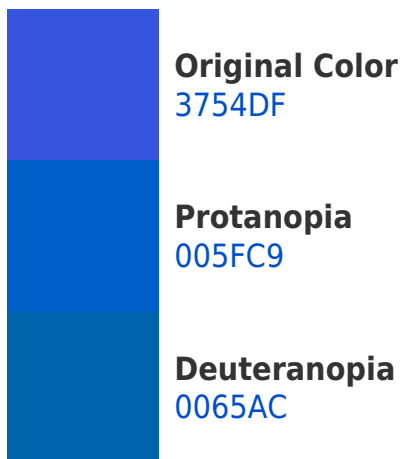


This preview shows how white text looks on a background with the Hex color 3754DF.

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](#).

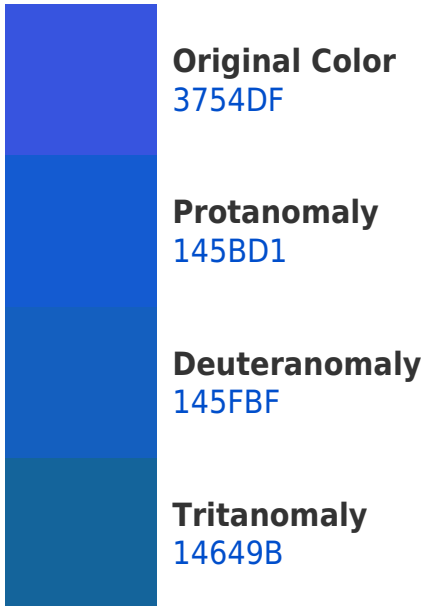
Dichromacy





Tritanopia
006D74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3754DF 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 #3754DF looks like.

```
.text, #text, p{  
    color:#3754DF  
}
```

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 #3754DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3754DF
}
```

Border

The CSS property to change the border of an element to Hex 3754DF 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
#3754DF }
```

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

```
.border{ border-color:#3754DF }
```

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

Here you see how a box with a 4 pixel #3754DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3754DF; -webkit-box-shadow:4px 4px  
4px 4px #3754DF; box-shadow:4px 4px 4px  
4px #3754DF }
```

Background

The CSS property to change the background color of an element to Hex 3754DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3754DF }
```

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

```
.background{ background-color:#3754DF }
```

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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