

# Converting Colors

Hex(374DE6)

Have a look what the booklet for  
Hex(374DE6) contains.

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# Color

Hex(374DE6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	374DE6
RGB	55, 77, 230
RGB Percent	22%, 30%, 90%
CMY	0.7843, 0.6980, 0.0980
CMYK	0.76, 0.67, 0.00, 0.10
HSL	232°, 78%, 56%
HSV	232°, 76%, 90%
XYZ	18.5124, 11.8332, 76.1712
YIQ	87.8640, -62.2250, 42.9190

# Conversions

## Conversions Part 2

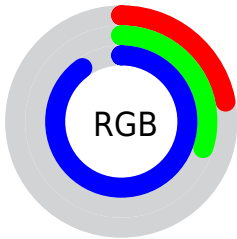
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">55, 75, 230</a>
Decimal	<a href="#">3624422</a>
CIELab	<a href="#">40.95, 44.36, -79.36</a>
CIELCh	<a href="#">41, 90.911, 299.204</a>
Yxy	<a href="#">11.8332, 0.1738, 0.1111</a>
Android (android.graphics.Color)	<a href="#">4281814502 (0xFF374DE6)</a>
YUV	<a href="#">87.8640, 70.0730, -28.8217</a>
Hunter-Lab	<a href="#">34.3993, 35.8627, -107.2076</a>

# Details

The Hex color **374DE6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **E6D037**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **807EFF**, and **0021AD** is the 20% darker color. If you saturate the color by 10%, you get **2039E6**, and if you desaturate by 10%, it is **4E61E6**.

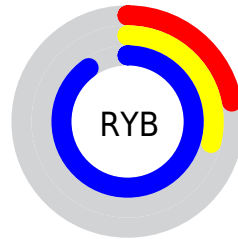
# Distribution



Red (22%)

Green (30%)

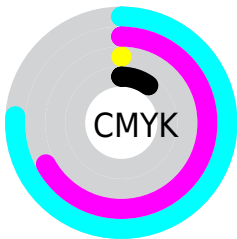
Blue (90%)



Red (22%)

Yellow (29%)

Blue (90%)

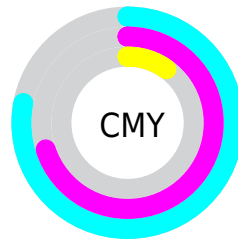


Cyan (76%)

Magenta (67%)

Yellow (0%)

Black (10%)



Cyan (78%)

Magenta (70%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 374DE6 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 374DE6 by changing the saturation by 10% instead.



 374DE6

 374DE6

FFFFFF

 0036C9

 807EFF

 0021AD

 A098FF

 000E92

 BFB3FF

 000077

 DECFFF

 000A5D

 FDEBFF

 000844

 00032D

 000118

 000000

■ 374DE6

■ 374DE6

■ 2039E6

■ 4E61E6

■ 0925E6

■ 6575E6

■ 001DE6

■ 7C89E6

■ 939DE6

■ AAB2E6

■ C1C6E6

■ D8DAE6

■ EFEEE6

■ FFFFE6

# Harmonies

## Analogous

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



006DFA



374DE6



B200AF

# Triad

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



374DE6



B03700



007C5D

# Complementary

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



374DE6



E6D037

# 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.



007800



374DE6



785E00

# Square

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



374DE6



D3001E



257000



007DA9

# Rectangle

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



374DE6



D1007F



257000



007B42



# Sweetspot

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



374DE6



C4CCFF



37E6CF



5C6080



000000



808080



# Same Dimension

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



374DE6



1734FF



7737E6



676973



0016B3



000633



# Inverse Universe

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



E6374D



FF1734



A6E637



736769



B30016

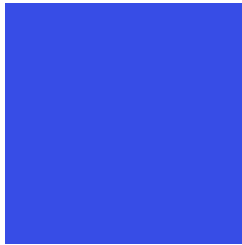


330006



# Previews

## White Background



This preview shows how the Hex color 374DE6 looks on a white background.

## Color Contrast Check

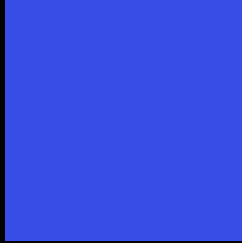
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 374DE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

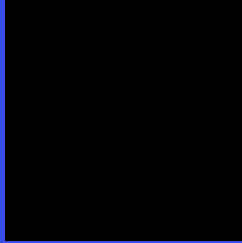
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 374DE6 Background



This preview shows how black text looks on a background with the Hex color 374DE6.



This preview shows how white text looks on a background with the Hex color 374DE6.

# 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](#).

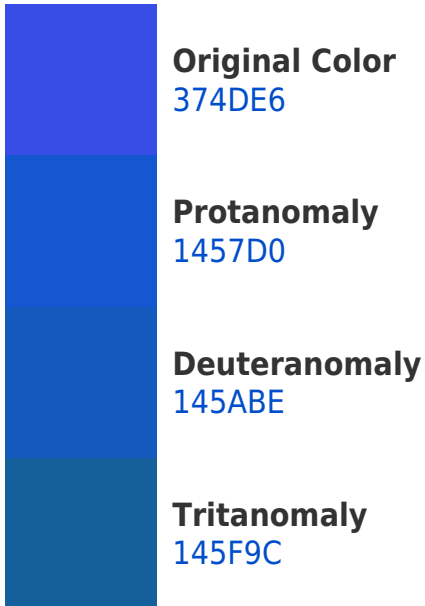
## Dichromacy





**Tritanopia**  
006A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 374DE6 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 #374DE6 looks like.

```
.text, #text, p{  
    color:#374DE6  
}
```

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 #374DE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #374DE6
}
```

## Border

The CSS property to change the border of an element to Hex 374DE6 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
#374DE6 }
```

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

```
.border{ border-color:#374DE6 }
```

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

Here you see how a box with a 4 pixel #374DE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #374DE6; -webkit-box-shadow:4px 4px  
4px 4px #374DE6; box-shadow:4px 4px 4px  
4px #374DE6 }
```

# Background

The CSS property to change the background color of an element to Hex 374DE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#374DE6 }
```

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

```
.background{ background-color:#374DE6 }
```

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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