

Converting Colors

Hex(5370E3)

Have a look what the booklet for
Hex(5370E3) contains.

Hex(5370E3)	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(5370E3)

Conversions

Conversions Part 1

Format	Color
Hex	5370E3
RGB	83, 112, 227
RGB Percent	33%, 44%, 89%
CMY	0.6745, 0.5608, 0.1098
CMYK	0.63, 0.51, 0.00, 0.11
HSL	228°, 72%, 61%
HSV	228°, 63%, 89%
XYZ	23.2266, 18.9734, 75.1111
YIQ	116.4390, -54.1990, 29.6170

Conversions

Conversions Part 2

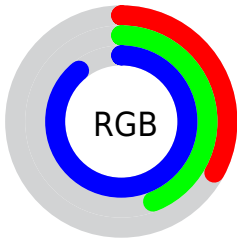
Format	Color
R _Y B	83, 107, 227
Decimal	5468387
CIE Lab	50.66, 25.29, -61.79
CIE LCh	51, 66.766, 292.256
Yxy	18.9734, 0.1980, 0.1617
Android (android.graphics.Color)	4283658467 (0xFF5370E3)
YUV	116.4390, 54.5066, -29.3260
Hunter-Lab	43.5585, 18.9539, -71.7473

Details

The Hex color **5370E3** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **E3C653**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **91A3FF**, and **0041AB** is the 20% darker color. If you saturate the color by 10%, you get **3C5EE3**, and if you desaturate by 10%, it is **6A82E3**.

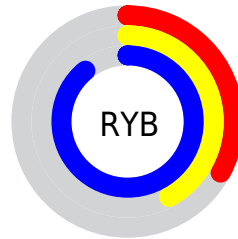
Distribution



Red (33%)

Green (44%)

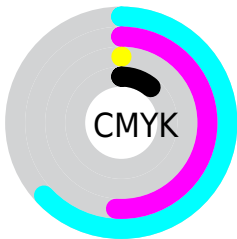
Blue (89%)



Red (33%)

Yellow (42%)

Blue (89%)

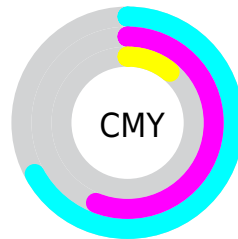


Cyan (63%)

Magenta (51%)

Yellow (0%)

Black (11%)



Cyan (67%)

Magenta (56%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5370E3 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 5370E3 by changing the saturation by 10% instead.

■ 5370E3

■ 5370E3

FFFFFF

■ 2F58C7

■ 91A3FF

■ 0041AB

■ AFBEFF

■ 002C90

■ CDDAFF

■ 001975

■ EBF6FF

■ 00005C

■ 000743

■ 00032C

■ 000116

■ 000000

■ 5370E3

■ 5370E3

■ 3C5EE3

■ 6A82E3

■ 264CE3

■ 8094E3

■ 0F3AE3

■ 97A6E3

■ 002EE3

■ AEB9E3

■ C4CBE3

■ DBDDE3

■ F2EFE3

■ FFFFE3

Harmonies

Analogous

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



0084EA



5370E3



AE53BF

Triad

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



5370E3



C6581B



009167

Complementary

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



5370E3



E3C653

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.



008C2C



5370E3



9E7100

Square

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



5370E3



DB3D51



698200



0092A2

Rectangle

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



5370E3



CC409D



698200



009054

Sweetspot

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



5370E3



CFD8FF



53E3C4



626880



000000



808080

Same Dimension

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



5370E3



3D64FF



7C53E3



676A73



0024B3



000A33

Inverse Universe

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



E35370



FF3D64



BAE353



73676A



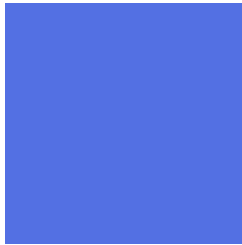
B30024



33000A

Previews

White Background



This preview shows how the Hex color 5370E3 looks on a white background.

Color Contrast Check

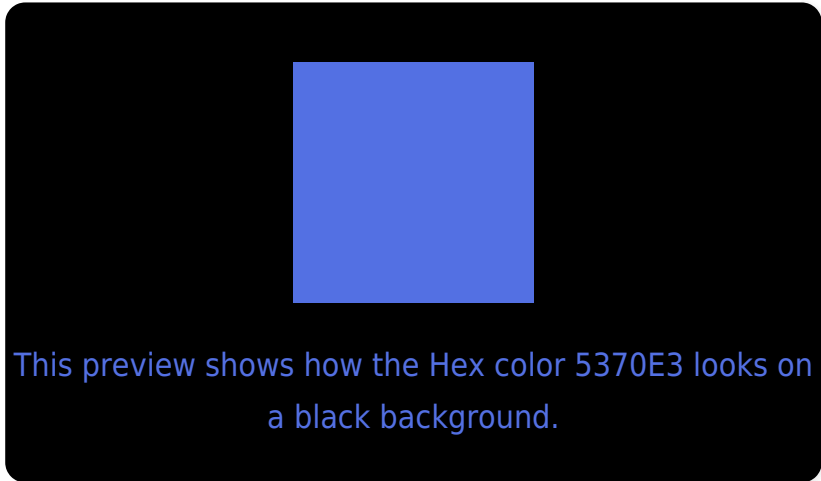
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 5370E3 Background



This preview shows how black text looks on a background with the Hex color 5370E3.

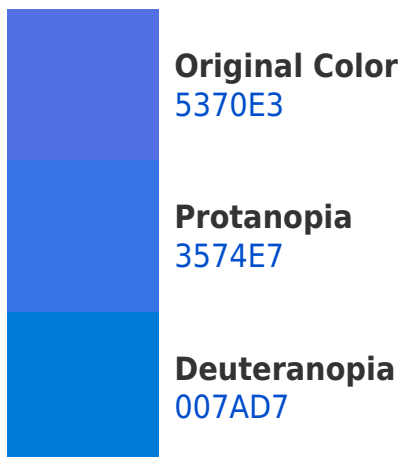


This preview shows how white text looks on a background with the Hex color 5370E3.

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](#).

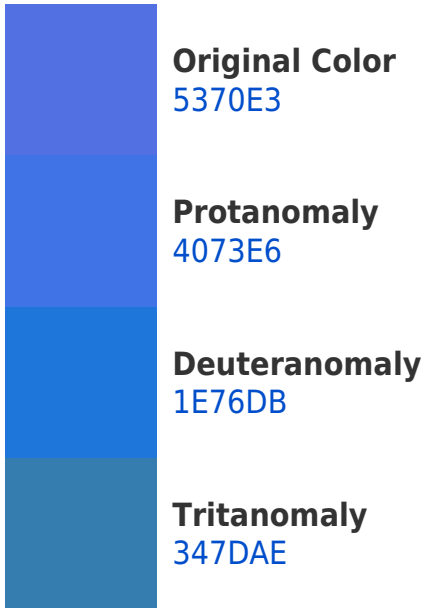
Dichromacy





Tritanopia
23848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5370E3 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 #5370E3 looks like.

```
.text, #text, p{  
    color:#5370E3  
}
```

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 #5370E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5370E3
}
```

Border

The CSS property to change the border of an element to Hex 5370E3 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
#5370E3 }
```

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

```
.border{ border-color:#5370E3 }
```

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

Here you see how a box with a 4 pixel #5370E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5370E3; -webkit-box-shadow:4px 4px  
4px 4px #5370E3; box-shadow:4px 4px 4px  
4px #5370E3 }
```

Background

The CSS property to change the background color of an element to Hex 5370E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5370E3 }
```

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

```
.background{ background-color:#5370E3 }
```

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