

Converting Colors

Hex(4057EC)

Have a look what the booklet for
Hex(4057EC) contains.

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Color

Hex(4057EC)

Conversions

Conversions Part 1

Format	Color
Hex	4057EC
RGB	64, 87, 236
RGB Percent	25%, 34%, 93%
CMY	0.7490, 0.6588, 0.0745
CMYK	0.73, 0.63, 0.00, 0.07
HSL	232°, 82%, 59%
HSV	232°, 73%, 93%
XYZ	20.6629, 13.9625, 80.9629
YIQ	97.1090, -61.5370, 41.4630

Conversions

Conversions Part 2

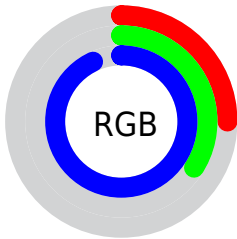
Format	Color
R _Y B	64, 84, 236
Decimal	4216812
CIE Lab	44.18, 41.25, -77.43
CIE LCh	44, 87.738, 298.046
Yxy	13.9625, 0.1788, 0.1208
Android (android.graphics.Color)	4282406892 (0xFF4057EC)
YUV	97.1090, 68.4733, -29.0366
Hunter-Lab	37.3664, 33.3155, -102.3087

Details

The Hex color **4057EC** 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 **ECD540**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8689FF**, and **002AB3** is the 20% darker color. If you saturate the color by 10%, you get **2843EC**, and if you desaturate by 10%, it is **586BEC**.

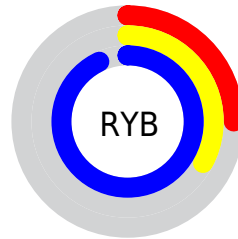
Distribution



Red (25%)

Green (34%)

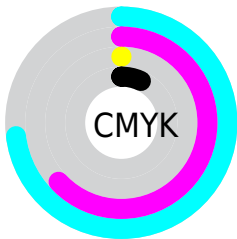
Blue (93%)



Red (25%)

Yellow (33%)

Blue (93%)

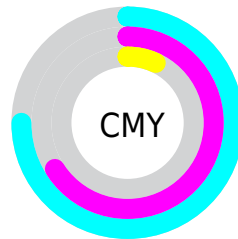


Cyan (73%)

Magenta (63%)

Yellow (0%)

Black (7%)



Cyan (75%)

Magenta (66%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4057EC 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 4057EC by changing the saturation by 10% instead.

 4057EC

 4057EC

FFFFFF

 0040CF

 8689FF

 002AB3

 A6A3FF

 001697

 C5BEFF

 00047C

 E4DAFF

 000363

 FFF7FF

 00094A

 000432

 00021C

 000000

■ 4057EC

■ 4057EC

■ 2843EC

■ 586BEC

■ 112EEC

■ 6F80EC

■ 0020EC

■ 8794EC

■ 9EA9EC

■ B6BDEC

■ CED2EC

■ E5E6EC

■ FDFBEC

■ FFFFEC

Harmonies

Analogous

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



0075FE



4057EC



B714B7

Triad

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



4057EC



BA4000



008462

Complementary

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



4057EC



ECD540

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.



008004



4057EC



846500

Square

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



4057EC



DB002A



397700



0085AC

Rectangle

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



4057EC



D70089



397700



008348

Sweetspot

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



4057EC



C7CEFF



40ECD2



5E6380



000000



808080

Same Dimension

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



4057EC



213FFF



7C40EC



6A6B75



0018B5



000736

Inverse Universe

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



EC4057



FF213F



B0EC40



756A6B



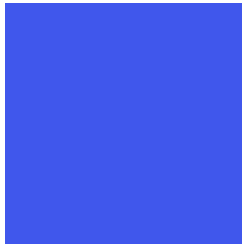
B50018



360007

Previews

White Background



This preview shows how the Hex color 4057EC looks on a white background.

Color Contrast Check

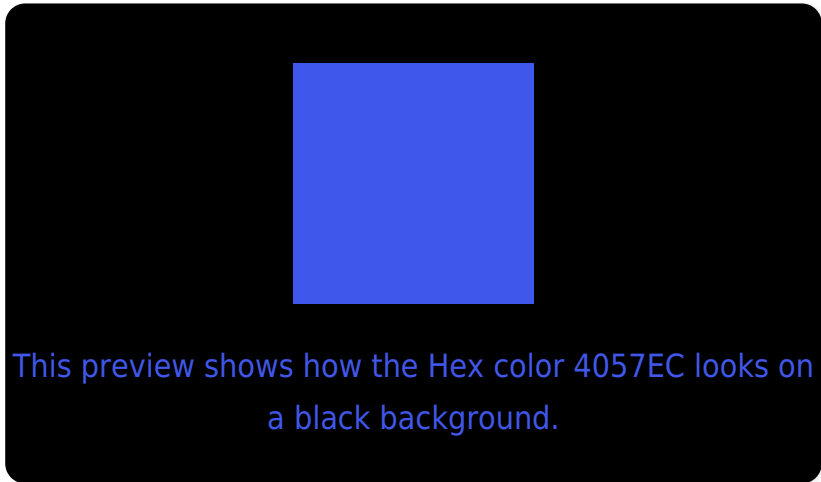
Large Text (above 18pt) WCAG AA ✓ Pass

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 4057EC Background



This preview shows how black text looks on a background with the Hex color 4057EC.

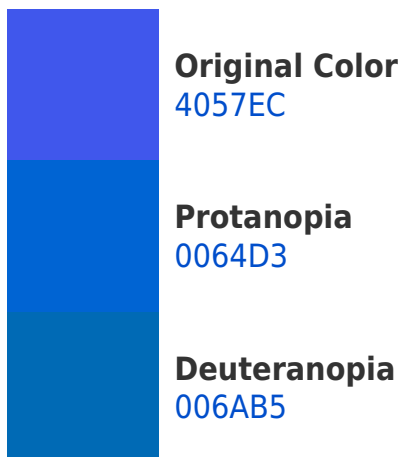


This preview shows how white text looks on a background with the Hex color 4057EC.

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](#).

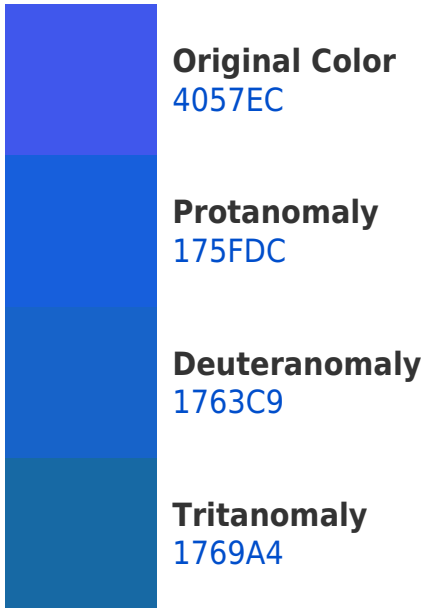
Dichromacy



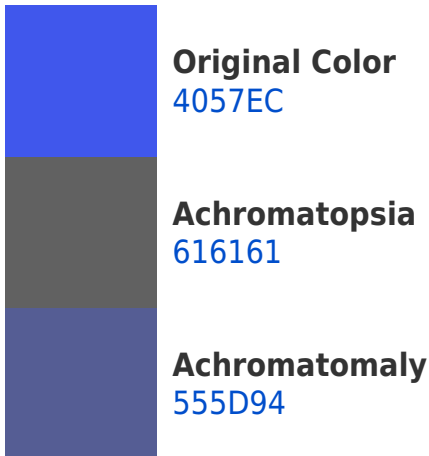


Tritanopia
00737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4057EC 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 #4057EC looks like.

```
.text, #text, p{  
    color:#4057EC  
}
```

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 #4057EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4057EC
}
```

Border

The CSS property to change the border of an element to Hex 4057EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

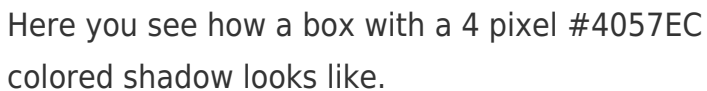
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4057EC }
```

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

```
.border{ border-color:#4057EC }
```

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



Here you see how a box with a 4 pixel #4057EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4057EC; -webkit-box-shadow:4px 4px  
4px 4px #4057EC; box-shadow:4px 4px 4px  
4px #4057EC }
```

Background

The CSS property to change the background color of an element to Hex 4057EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4057EC }
```

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

```
.background{ background-color:#4057EC }
```

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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