

Converting Colors

Hex(5067EC)

Have a look what the booklet for
Hex(5067EC) contains.

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Color

Hex(5067EC)

Conversions

Conversions Part 1

Format	Color
Hex	5067EC
RGB	80, 103, 236
RGB Percent	31%, 40%, 93%
CMY	0.6863, 0.5961, 0.0745
CMYK	0.66, 0.56, 0.00, 0.07
HSL	231°, 80%, 62%
HSV	231°, 66%, 93%
XYZ	23.2988, 17.4621, 81.4994
YIQ	111.2850, -56.4010, 36.4870

Conversions

Conversions Part 2

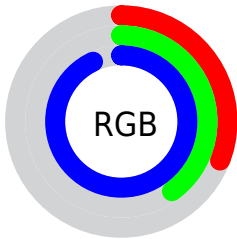
Format	Color
R_{YB}	80, 100, 236
Decimal	5269484
CIE _{Lab}	48.84, 33.45, -69.80
CIE _{LCh}	49, 77.405, 295.605
Yxy	17.4621, 0.1906, 0.1428
Android (android.graphics.Color)	4283459564 (0xFF5067EC)
YUV	111.2850, 61.4845, -27.4369
Hunter-Lab	41.7877, 26.3947, -86.3832

Details

The Hex color **5067EC** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **ECD550**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **909AFF**, and **0039B3** is the 20% darker color. If you saturate the color by 10%, you get **3853EC**, and if you desaturate by 10%, it is **687BEC**.

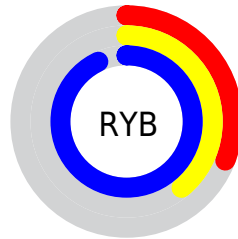
Distribution



Red (31%)

Green (40%)

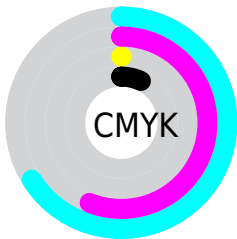
Blue (93%)



Red (31%)

Yellow (39%)

Blue (93%)

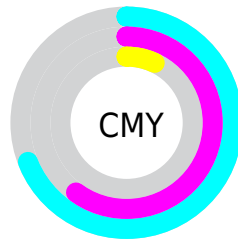


Cyan (66%)

Magenta (56%)

Yellow (0%)

Black (7%)



Cyan (69%)

Magenta (60%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5067EC 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 5067EC by changing the saturation by 10% instead.

■ 5067EC

■ 5067EC

FFFFFF

■ 274FCF

■ 909AFF

■ 0039B3

■ AFB5FF

■ 002498

■ CED0FF

■ 00127D

■ ECECFE

■ 000063

■ 00094A

■ 000432

■ 00021D

■ 000000

■ 5067EC

■ 5067EC

■ 3853EC

■ 687BEC

■ 213FEC

■ 7F8FEC

■ 092BEC

■ 97A3EC

■ 0023EC

■ AEB7EC

■ C6CCEC

■ DEE0EC

■ F5F4EC

■ FFFFEC

Harmonies

Analogous

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



0080F9



5067EC



B740BF

Triad

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



5067EC



C55000



008F68

Complementary

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



5067EC



ECD550

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.



008A1F



5067EC



956E00

Square

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



5067EC



E02240



568100



0090AB

Rectangle

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



5067EC



D71D96



568100



008E51

Sweetspot

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



5067EC



CCD4FF



50ECD5



616580



000000



808080

Same Dimension

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



5067EC



3653FF



8750EC



6A6B75



001BB5



000836

Inverse Universe

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



EC5067



FF3653



B5EC50



756A6B



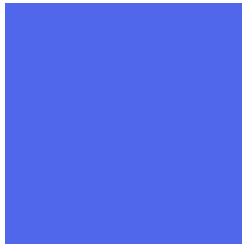
B5001B



360008

Previews

White Background



This preview shows how the Hex color 5067EC looks on a white background.

Color Contrast Check

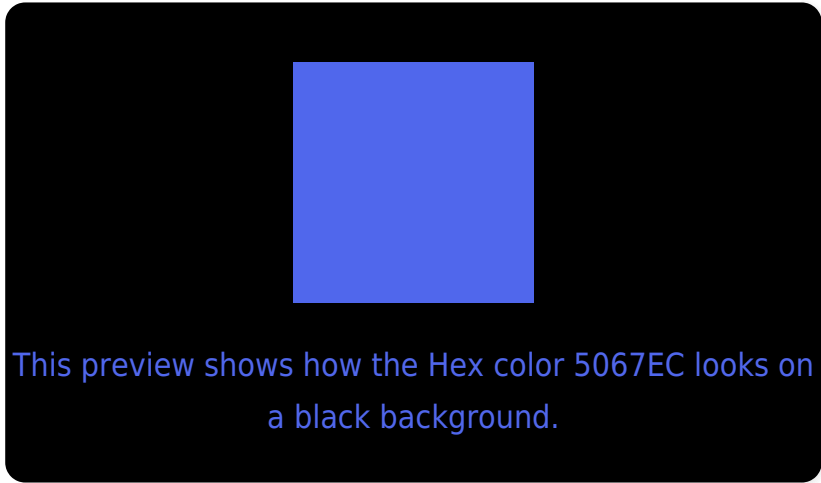
Large Text (above 18pt) WCAG AA ✓ Pass

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

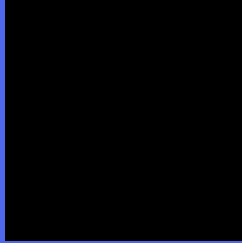
Any Text WCAG AA × Fail

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 5067EC Background



This preview shows how black text looks on a background with the Hex color 5067EC.



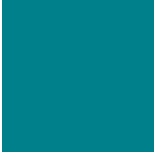
This preview shows how white text looks on a background with the Hex color 5067EC.

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](#).

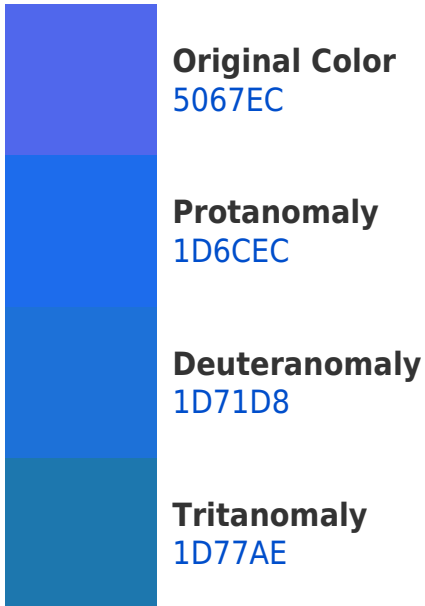
Dichromacy





Tritanopia
00808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5067EC 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 #5067EC looks like.

```
.text, #text, p{  
    color:#5067EC  
}
```

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 #5067EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5067EC
}
```

Border

The CSS property to change the border of an element to Hex 5067EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

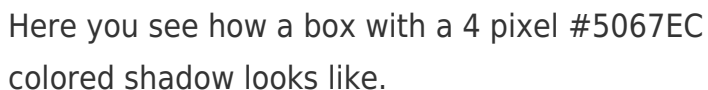
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5067EC }
```

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

```
.border{ border-color:#5067EC }
```

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



Here you see how a box with a 4 pixel #5067EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5067EC; -webkit-box-shadow:4px 4px  
4px 4px #5067EC; box-shadow:4px 4px 4px  
4px #5067EC }
```

Background

The CSS property to change the background color of an element to Hex 5067EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5067EC }
```

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

```
.background{ background-color:#5067EC }
```

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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