

Converting Colors

Hex(3050EE)

Have a look what the booklet for
Hex(3050EE) contains.

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Color

Hex(3050EE)

Conversions

Conversions Part 1

Format	Color
Hex	3050EE
RGB	48, 80, 238
RGB Percent	19%, 31%, 93%
CMY	0.8118, 0.6863, 0.0667
CMYK	0.80, 0.66, 0.00, 0.07
HSL	230°, 85%, 56%
HSV	230°, 80%, 93%
XYZ	19.5202, 12.5387, 82.2803
YIQ	88.4440, -69.7900, 42.3540

Conversions

Conversions Part 2

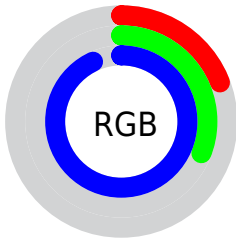
Format	Color
R_{YB}	48, 75, 238
Decimal	3166446
CIE _{Lab}	42.06, 44.74, -82.07
CIE _{LCh}	42, 93.469, 298.598
Yxy	12.5387, 0.1707, 0.1097
Android (android.graphics.Color)	4281356526 (0xFF3050EE)
YUV	88.4440, 73.7311, -35.4694
Hunter-Lab	35.4101, 36.4324, -112.9816

Details

The Hex color **3050EE** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EECE30**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7D81FF**, and **0024B5** is the 20% darker color. If you saturate the color by 10%, you get **183CEE**, and if you desaturate by 10%, it is **4864EE**.

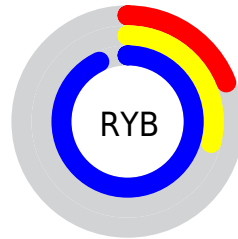
Distribution



Red (19%)

Green (31%)

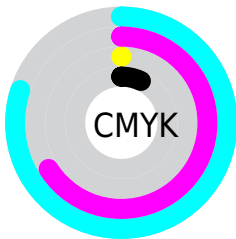
Blue (93%)



Red (19%)

Yellow (29%)

Blue (93%)

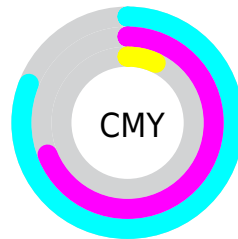


Cyan (80%)

Magenta (66%)

Yellow (0%)

Black (7%)



Cyan (81%)

Magenta (69%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3050EE 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 3050EE by changing the saturation by 10% instead.

 3050EE

 3050EE

FFFFFF

 0039D1

 7D81FF

 0024B5

 9E9BFF

 001199

 BEB6FF

 00007E

 DDD2FF

 000864

 FDEEFF

 00094B

 000433

 00021D

 000000

 3050EE

 3050EE

 183CEE

 4864EE

 0028EE

 6078EE

 778BEE

 8F9FEE

 A7B3EE

 BFC7EE

 D7DBEE

 EEEEEEE

 FFFFEE

Harmonies

Analogous

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



0071FF



3050EE



B600B5

Triad

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



3050EE



B63700



007F5E

Complementary

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



3050EE



EECE30

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.



007B00



3050EE



7D6000

Square

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



3050EE



DA0020



287300



0080AC

Rectangle

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



3050EE



D70084



287300



007E42

Sweetspot

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



3050EE



C2CCFF



30EECB



5B6180



000000



808080

Same Dimension

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



3050EE



0A33FF



6C30EE



6C6E78



001FB8



000938

Inverse Universe

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



EE3050



FF0A33



B2EE30



786C6E



B8001F



380009

Previews

White Background



This preview shows how the Hex color 3050EE looks on a white background.

Color Contrast Check

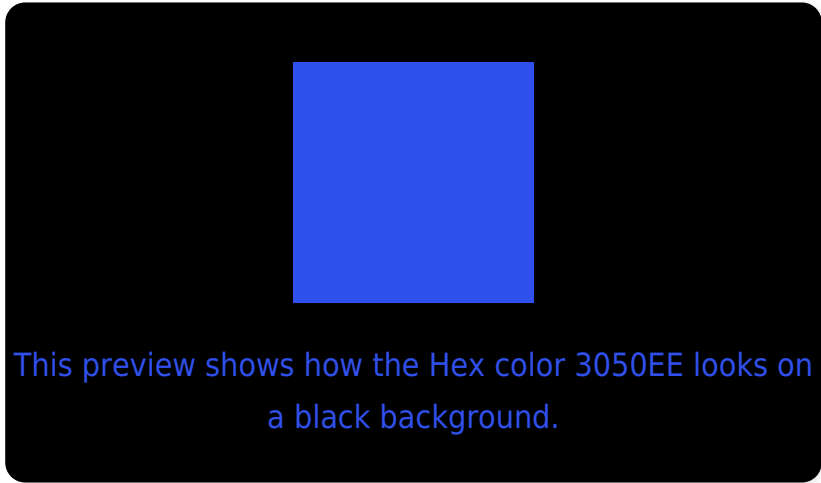
Large Text (above 18pt) WCAG AA ✓ Pass

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 3050EE Background



This preview shows how black text looks on a background with the Hex color 3050EE.

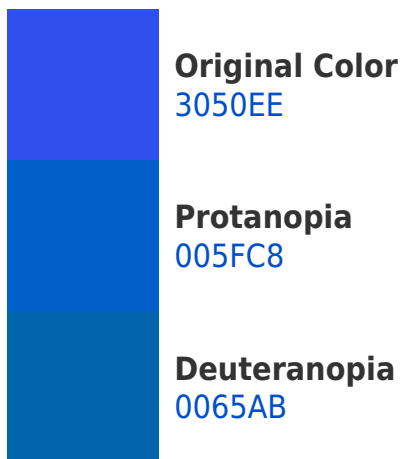


This preview shows how white text looks on a background with the Hex color 3050EE.

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](#).

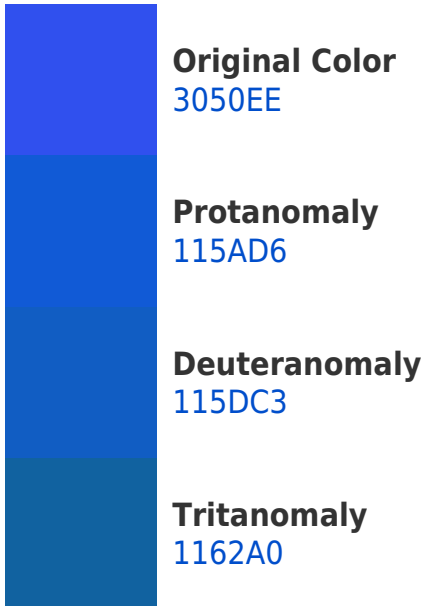
Dichromacy





Tritanopia
006D74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3050EE 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 #3050EE looks like.

```
.text, #text, p{  
    color:#3050EE  
}
```

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 #3050EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3050EE
}
```

Border

The CSS property to change the border of an element to Hex 3050EE 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
#3050EE }
```

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

```
.border{ border-color:#3050EE }
```

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

Here you see how a box with a 4 pixel #3050EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3050EE; -webkit-box-shadow:4px 4px  
4px 4px #3050EE; box-shadow:4px 4px 4px  
4px #3050EE }
```

Background

The CSS property to change the background color of an element to Hex 3050EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3050EE }
```

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

```
.background{ background-color:#3050EE }
```

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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