

Converting Colors

Hex(3C6DEB)

Have a look what the booklet for
Hex(3C6DEB) contains.

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Color

Hex(3C6DEB)

Conversions

Conversions Part 1

Format	Color
Hex	3C6DEB
RGB	60, 109, 235
RGB Percent	24%, 43%, 92%
CMY	0.7647, 0.5725, 0.0784
CMYK	0.74, 0.54, 0.00, 0.08
HSL	223°, 81%, 58%
HSV	223°, 74%, 92%
XYZ	22.3275, 17.8961, 80.8748
YIQ	108.7130, -69.6500, 28.7980

Conversions

Conversions Part 2

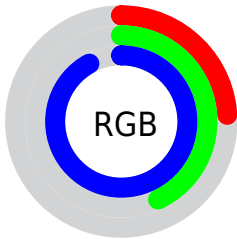
Format	Color
R _Y B	60, 98, 235
Decimal	3960299
CIE Lab	49.37, 26.74, -68.42
CIE LCh	49, 73.461, 291.350
Yxy	17.8961, 0.1844, 0.1478
Android (android.graphics.Color)	4282150379 (0xFF3C6DEB)
YUV	108.7130, 62.2595, -42.7213
Hunter-Lab	42.3038, 20.1789, -83.7357

Details

The Hex color **3C6DEB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **EBBA3C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **82A0FF**, and **003FB2** is the 20% darker color. If you saturate the color by 10%, you get **245CEB**, and if you desaturate by 10%, it is **537EEB**.

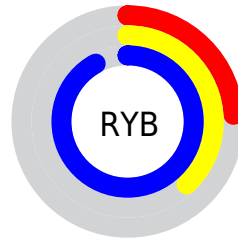
Distribution



Red (24%)

Green (43%)

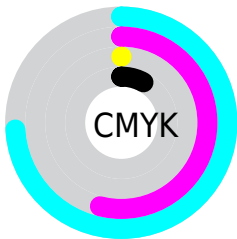
Blue (92%)



Red (24%)

Yellow (38%)

Blue (92%)

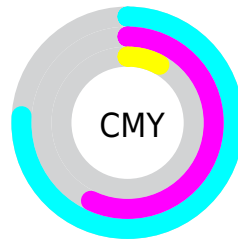


Cyan (74%)

Magenta (54%)

Yellow (0%)

Black (8%)



Cyan (76%)

Magenta (57%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6DEB 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 3C6DEB by changing the saturation by 10% instead.

 3C6DEB

 3C6DEB

FFFFFF

 0055CE

 82A0FF

 003FB2

 A1BBFF

 002A97

 C0D6FF

 00187C

 DFF3FF

 000062

FEFFFF

 000949

 000432

 00011C

 000000

■ 3C6DEB

■ 3C6DEB

■ 245CEB

■ 537EEB

■ 0D4BEB

■ 6B8FEB

■ 0042EB

■ 83A0EB

■ 9AB1EB

■ B1C2EB

■ C9D3EB

■ E0E3EB

■ F8F4EB

■ FFFFEB

Harmonies

Analogous

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



0083F2



3C6DEB



AD4BC4

Triad

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



3C6DEB



C84F09



008F61

Complementary

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



3C6DEB



EBBA3C

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.



008A1B



3C6DEB



9D6C00

Square

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



3C6DEB



DF2A4C



647F00



0090A1

Rectangle

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



3C6DEB



CF319F



647F00



008E4B

Sweetspot

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



3C6DEB



C7D7FF



3CEBB9



5E6880



000000



808080

Same Dimension

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



3C6DEB



1C5CFF



623CEB



6A6D75



0033B5



000F36

Inverse Universe

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



EB3C6D



FF1C5C



C5EB3C



756A6D



B50033



36000F

Previews

White Background



This preview shows how the Hex color 3C6DEB looks on a white background.

Color Contrast Check

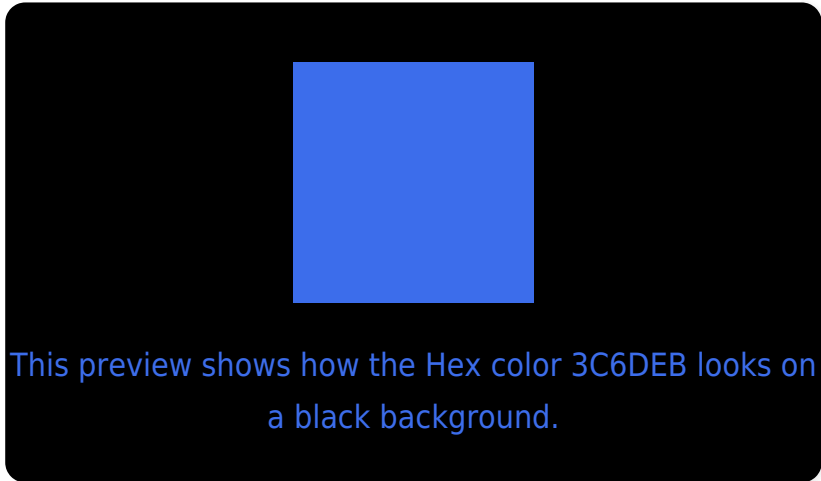
Large Text (above 18pt) WCAG AA ✓ Pass

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

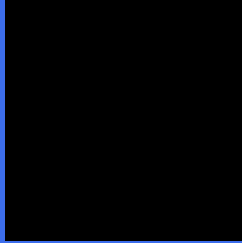
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

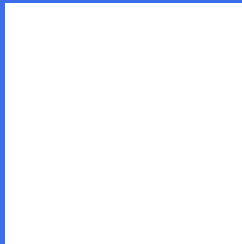
Any Text WCAG AAA × Fail

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

Hex 3C6DEB Background



This preview shows how black text looks on a background with the Hex color 3C6DEB.



This preview shows how white text looks on a background with the Hex color 3C6DEB.

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](#).

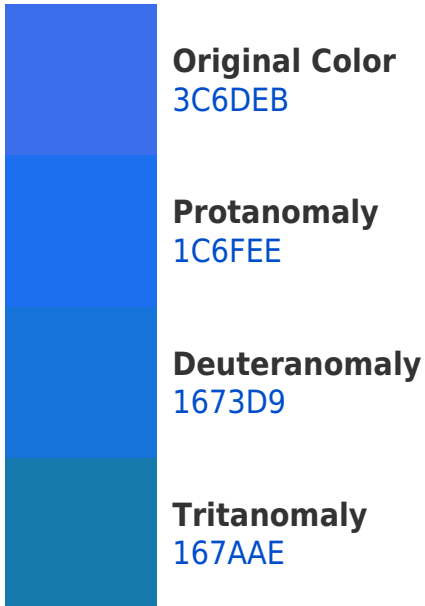
Dichromacy





Tritanopia
00818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6DEB 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 #3C6DEB looks like.

```
.text, #text, p{  
    color:#3C6DEB  
}
```

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 #3C6DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6DEB
}
```

Border

The CSS property to change the border of an element to Hex 3C6DEB 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
#3C6DEB }
```

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

```
.border{ border-color:#3C6DEB }
```

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

Here you see how a box with a 4 pixel #3C6DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6DEB; -webkit-box-shadow:4px 4px  
4px 4px #3C6DEB; box-shadow:4px 4px 4px  
4px #3C6DEB }
```

Background

The CSS property to change the background color of an element to Hex 3C6DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6DEB }
```

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

```
.background{ background-color:#3C6DEB }
```

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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