

# Converting Colors

Hex(3D6FDB)

Have a look what the booklet for  
Hex(3D6FDB) contains.

<b>Hex(3D6FDB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

**Hex(3D6FDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D6FDB
RGB	61, 111, 219
RGB Percent	24%, 44%, 86%
CMY	0.7608, 0.5647, 0.1412
CMYK	0.72, 0.49, 0.00, 0.14
HSL	221°, 69%, 55%
HSV	221°, 72%, 86%
XYZ	20.3951, 17.4755, 69.3160
YIQ	108.3620, -64.4680, 22.9880

# Conversions

## Conversions Part 2

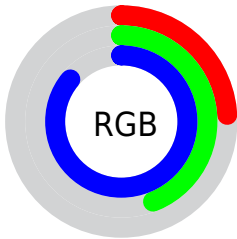
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 99, 219
Decimal	4026331
CIE Lab	48.85, 19.80, -60.23
CIE LCh	49, 63.404, 288.196
Yxy	17.4755, 0.1903, 0.1630
Android (android.graphics.Color)	4282216411 (0xFF3D6FDB)
YUV	108.3620, 54.5445, -41.5365
Hunter-Lab	41.8037, 13.9299, -69.0481

# Details

The Hex color **3D6FDB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **DBA93D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7FA2FF**, and **0040A3** is the 20% darker color. If you saturate the color by 10%, you get **2760DB**, and if you desaturate by 10%, it is **537EDB**.

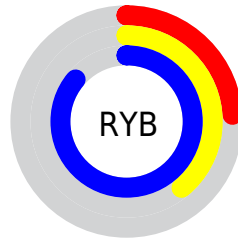
# Distribution



Red (24%)

Green (44%)

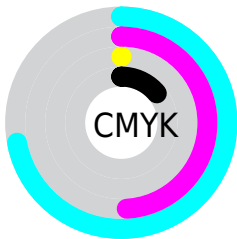
Blue (86%)



Red (24%)

Yellow (39%)

Blue (86%)

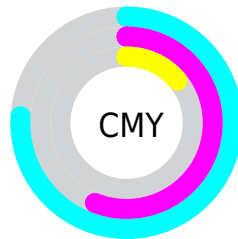


Cyan (72%)

Magenta (49%)

Yellow (0%)

Black (14%)



Cyan (76%)

Magenta (56%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D6FDB 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 3D6FDB by changing the saturation by 10% instead.



■ 3D6FDB

■ 3D6FDB

FFFFFF

■ 0157BF

■ 7FA2FF

■ 0040A3

■ 9EBDFF

■ 002B88

■ BCD9FF

■ 00196E

■ DAF5FF

■ 000055

■ F9FFFF

■ 00063D

■ 000326

■ 00010F


■ 000000

 3D6FDB

 3D6FDB

 2760DB

 537EDB

 1151DB

 698DDB

 0045DB

 7F9CDB

 95ABDB

 ABBADB

 C0C9DB

 D6D8DB

 ECE7DB

 FFF6DB

# Harmonies

## Analogous

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



0081DE



3D6FDB



9E55BC

# Triad

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



3D6FDB



C15223



008B5C

# Complementary

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



3D6FDB



DBA93D

# 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.



248624



3D6FDB



9E6A00

# Square

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



3D6FDB



D23B56



6D7B00



008C94

# Rectangle

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



3D6FDB



BF439D



6D7B00



008A4A



# Sweetspot

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



3D6FDB



C7D9FF



3DDBA9



5E6980



000000



808080



# Same Dimension

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



3D6FDB



2167FF



5A3DDB



63666E



0037AD



000F2E



# Inverse Universe

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



DB3D6F



FF2167



BEDB3D



6E6366



AD0037



2E000F



# Previews

## White Background



This preview shows how the Hex color 3D6FDB looks on a white background.

## Color Contrast Check

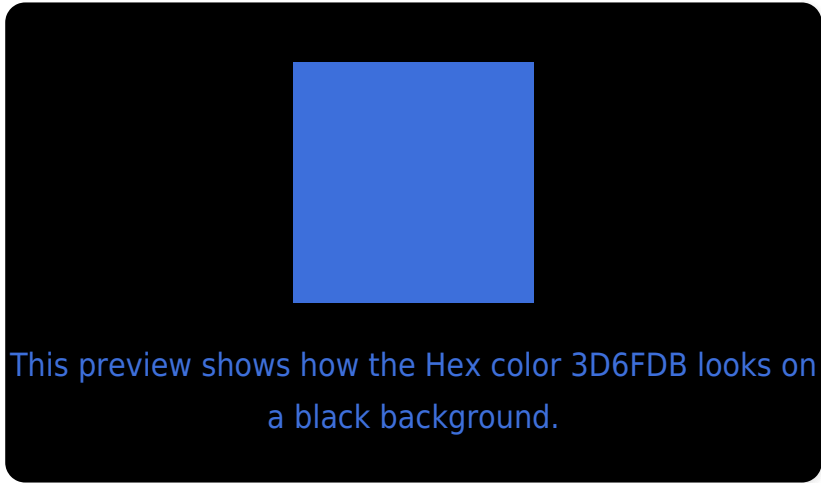
Large Text (above 18pt) WCAG AA ✓ Pass

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

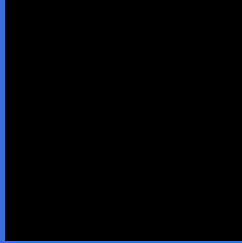
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3D6FDB Background



This preview shows how black text looks on a background with the Hex color 3D6FDB.

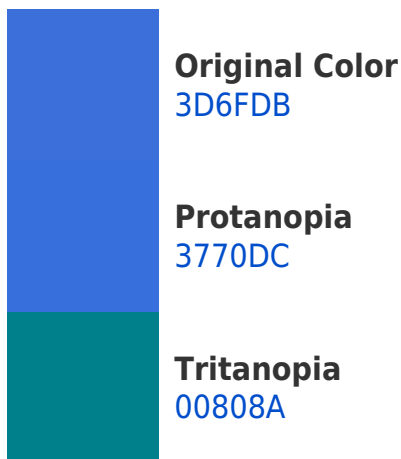


This preview shows how white text looks on a background with the Hex color 3D6FDB.

# 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



# Trichromacy



**Original Color**  
3D6FDB

**Protanomaly**  
3970DC

**Tritanomaly**  
167AA7

# Monochromacy



**Original Color**  
3D6FDB

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
5B6D94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D6FDB 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 #3D6FDB looks like.

```
.text, #text, p{  
    color:#3D6FDB  
}
```

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 #3D6FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6FDB
}
```

## Border

The CSS property to change the border of an element to Hex 3D6FDB 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
#3D6FDB }
```

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

```
.border{ border-color:#3D6FDB }
```

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

Here you see how a box with a 4 pixel #3D6FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6FDB; -webkit-box-shadow:4px 4px  
4px 4px #3D6FDB; box-shadow:4px 4px 4px  
4px #3D6FDB }
```

# Background

The CSS property to change the background color of an element to Hex 3D6FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6FDB }
```

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

```
.background{ background-color:#3D6FDB }
```

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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