

# Converting Colors

Hex(3D7DF6)

Have a look what the booklet for  
Hex(3D7DF6) contains.

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# Color

Hex(3D7DF6)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D7DF6
RGB	61, 125, 246
RGB Percent	24%, 49%, 96%
CMY	0.7608, 0.5098, 0.0353
CMYK	0.75, 0.49, 0.00, 0.04
HSL	219°, 91%, 60%
HSV	219°, 75%, 96%
XYZ	25.8926, 22.3132, 90.1310
YIQ	119.6580, -76.9850, 24.0630

# Conversions

## Conversions Part 2

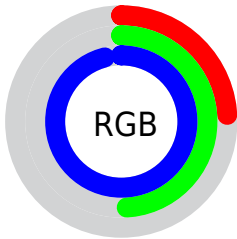
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 109, 246
Decimal	4029942
CIE Lab	54.36, 20.86, -66.48
CIE LCh	54, 69.678, 287.422
Yxy	22.3132, 0.1872, 0.1613
Android (android.graphics.Color)	4282220022 (0xFF3D7DF6)
YUV	119.6580, 62.2866, -51.4431
Hunter-Lab	47.2368, 15.1796, -80.0635

# Details

The Hex color **3D7DF6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F6B63D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **84B1FF**, and **004DBD** is the 20% darker color. If you saturate the color by 10%, you get **246DF6**, and if you desaturate by 10%, it is **568DF6**.

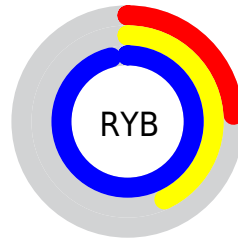
# Distribution



Red (24%)

Green (49%)

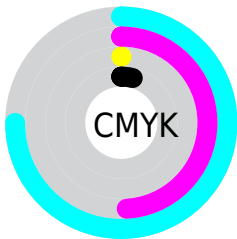
Blue (96%)



Red (24%)

Yellow (43%)

Blue (96%)

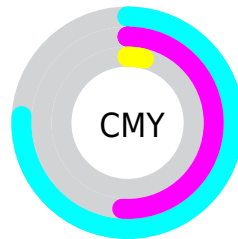


Cyan (75%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (51%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D7DF6 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 3D7DF6 by changing the saturation by 10% instead.



■ 3D7DF6

■ 3D7DF6

FFFFFF

■ 0064D9

■ 84B1FF

■ 004DBD

■ A4CCFF

■ 0037A1

■ C3E8FF

■ 002486

■ E2FFFF

■ 00116C

■ 000B53

■ 00063B

■ 000224

■ 00000C

 3D7DF6

 3D7DF6

 246DF6

 568DF6

 0C5DF6

 6E9DF6

 0055F6

 87ADF6

 9FBDF6

 B8CDF6

 D1DEF6

 E9EEF6

 FFFEF6

 FFFFF6

# Harmonies

## Analogous

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



0090F8



3D7DF6



AF60D4

# Triad

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



3D7DF6



D95B29



009B66

# Complementary

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



3D7DF6



F6B63D

# 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.



2A9627



3D7DF6



B17600

# Square

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



3D7DF6



EB4062



7C8A00



009DA4

# Rectangle

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



3D7DF6



D44BB2



7C8A00



009A51



# Sweetspot

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



3D7DF6



C4D9FF



3DF6B5



5C6880



000000



808080



# Same Dimension

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



3D7DF6



1969FF



593DF6



6E727A



0040BA



00143B



# Inverse Universe

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



F63D7D



FF1969



DAF63D



7A6E72



BA0040



3B0014



# Previews

## White Background



This preview shows how the Hex color 3D7DF6 looks on a white background.

## Color Contrast Check

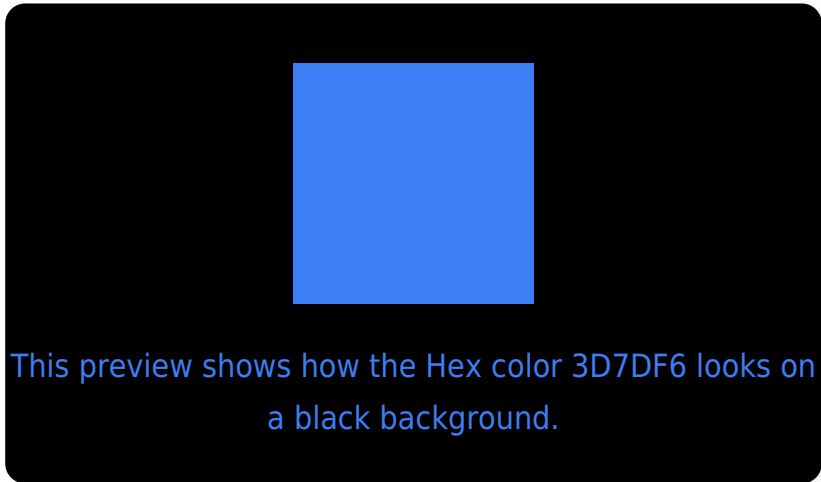
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

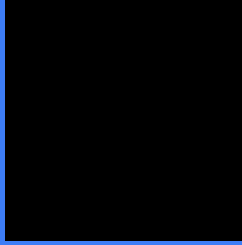
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

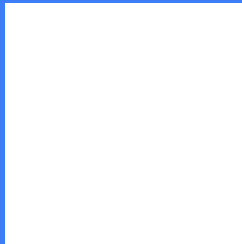
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D7DF6 Background



This preview shows how black text looks on a background with the Hex color 3D7DF6.



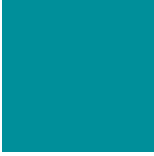
This preview shows how white text looks on a background with the Hex color 3D7DF6.

# 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](#).

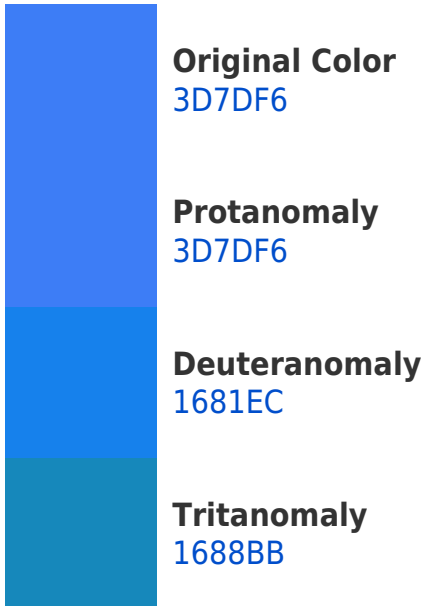
## Dichromacy



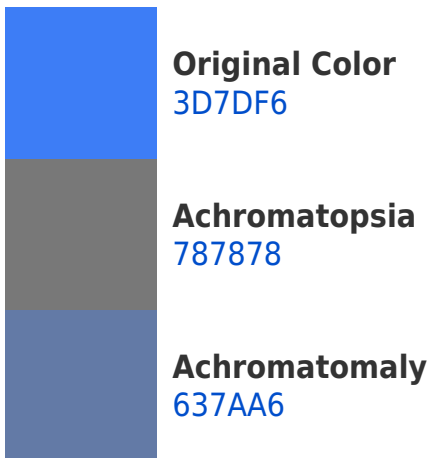


**Tritanopia**  
008F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D7DF6 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 #3D7DF6 looks like.

```
.text, #text, p{  
    color:#3D7DF6  
}
```

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 #3D7DF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7DF6
}
```

## Border

The CSS property to change the border of an element to Hex 3D7DF6 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
#3D7DF6 }
```

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

```
.border{ border-color:#3D7DF6 }
```

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

Here you see how a box with a 4 pixel #3D7DF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7DF6; -webkit-box-shadow:4px 4px  
4px 4px #3D7DF6; box-shadow:4px 4px 4px  
4px #3D7DF6 }
```

# Background

The CSS property to change the background color of an element to Hex 3D7DF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7DF6 }
```

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

```
.background{ background-color:#3D7DF6 }
```

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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