

# Converting Colors

Hex(3763D1)

Have a look what the booklet for  
Hex(3763D1) contains.

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# Color

**Hex(3763D1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3763D1
RGB	55, 99, 209
RGB Percent	22%, 39%, 82%
CMY	0.7843, 0.6118, 0.1804
CMYK	0.74, 0.53, 0.00, 0.18
HSL	223°, 63%, 52%
HSV	223°, 74%, 82%
XYZ	17.5460, 14.3394, 62.1646
YIQ	98.3840, -61.5340, 24.8820

# Conversions

## Conversions Part 2

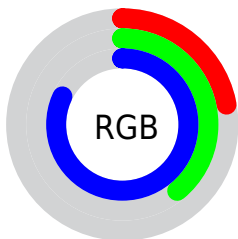
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 89, 209
Decimal	3630033
CIE Lab	44.72, 22.99, -61.23
CIE LCh	45, 65.409, 290.579
Yxy	14.3394, 0.1866, 0.1525
Android (android.graphics.Color)	4281820113 (0xFF3763D1)
YUV	98.3840, 54.5337, -38.0478
Hunter-Lab	37.8673, 16.4410, -70.8258

# Details

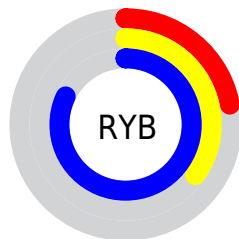
The Hex color **3763D1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D1A537**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7A95FF**, and **00369A** is the 20% darker color. If you saturate the color by 10%, you get **2254D1**, and if you desaturate by 10%, it is **4C72D1**.

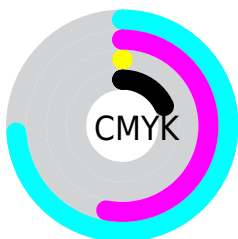
# Distribution



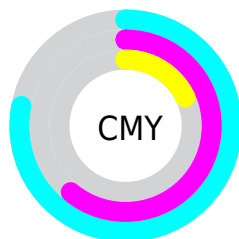
- Red (22%)
- Green (39%)
- Blue (82%)



- Red (22%)
- Yellow (35%)
- Blue (82%)



- Cyan (74%)
- Magenta (53%)
- Yellow (0%)
- Black (18%)



- Cyan (78%)
- Magenta (61%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3763D1 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 3763D1 by changing the saturation by 10% instead.



■ 3763D1

■ 3763D1

FFFFFF

■ 004CB5

■ 7A95FF

■ 00369A

■ 98B0FF

■ 00217F

■ B6CBFF

■ 000E65

■ D4E7FF

■ 00094C

■ F3FFFF

■ 000535

■ 00021E

■ 000001

■ 000000

■ 3763D1

■ 3763D1

■ 2254D1

■ 4C72D1

■ 0D45D1

■ 6181D1

■ 003CD1

■ 7690D1

■ 8B9FD1

■ A0AED1

■ B4BDD1

■ C9CCD1

■ DEDAD1

■ F3E9D1

# Harmonies

## Analogous

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



0076D6



3763D1



9947B0

# Triad

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



3763D1



B44811



008056

# Complementary

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



3763D1



D1A537

# 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.



007C1B



3763D1



8F6100

# Square

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



3763D1



C72B47



5D7200



00828F

# Rectangle

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



3763D1



B7318F



5D7200



007F43



# Sweetspot

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



3763D1



C7D7FF



37D1A3



5E6880



000000



808080



# Same Dimension

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



3763D1



1F5FFF



5637D1



5E6169



0030A8



000C29



# Inverse Universe

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



D13763



FF1F5F



B2D137



695E61



A80030



29000C



# Previews

## White Background



This preview shows how the Hex color 3763D1 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



This preview shows how the Hex color 3763D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

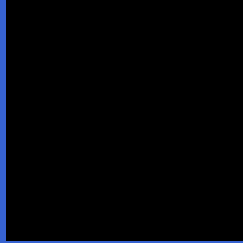
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3763D1 Background



This preview shows how black text looks on a background with the Hex color 3763D1.

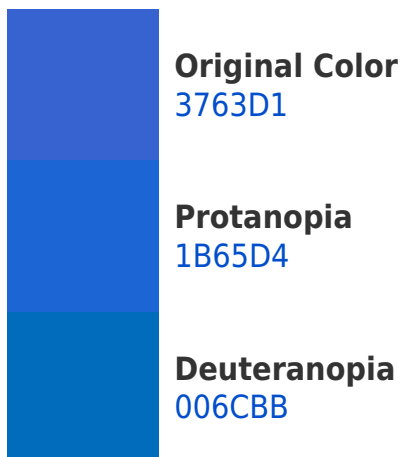


This preview shows how white text looks on a background with the Hex color 3763D1.

# 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**  
3763D1

**Protanomaly**  
2564D3

**Deuteranomaly**  
1469C3

# Monochromacy



**Original Color**  
3763D1

**Achromatopsia**  
626262

**Achromatomaly**  
52628A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3763D1 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 #3763D1 looks like.

```
.text, #text, p{  
    color:#3763D1  
}
```

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 #3763D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3763D1
}
```

## Border

The CSS property to change the border of an element to Hex 3763D1 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
#3763D1 }
```

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

```
.border{ border-color:#3763D1 }
```

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

Here you see how a box with a 4 pixel #3763D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3763D1; -webkit-box-shadow:4px 4px  
4px 4px #3763D1; box-shadow:4px 4px 4px  
4px #3763D1 }
```

# Background

The CSS property to change the background color of an element to Hex 3763D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3763D1 }
```

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

```
.background{ background-color:#3763D1 }
```

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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