

Converting Colors

Hex(3D76D9)

Have a look what the booklet for
Hex(3D76D9) contains.

Hex(3D76D9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D76D9)

Conversions

Conversions Part 1

Format	Color
Hex	3D76D9
RGB	61, 118, 217
RGB Percent	24%, 46%, 85%
CMY	0.7608, 0.5373, 0.1490
CMYK	0.72, 0.46, 0.00, 0.15
HSL	218°, 67%, 55%
HSV	218°, 72%, 85%
XYZ	20.9273, 18.9587, 68.2021
YIQ	112.2430, -65.7510, 18.7050

Conversions

Conversions Part 2

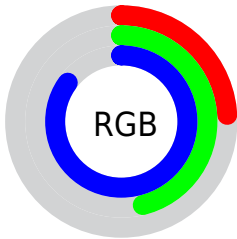
Format	Color
R_{YB}	61, 103, 217
Decimal	4028121
CIE _{Lab}	50.64, 14.69, -56.23
CIE _{LCh}	51, 58.115, 284.637
Yxy	18.9587, 0.1936, 0.1754
Android (android.graphics.Color)	4282218201 (0xFF3D76D9)
YUV	112.2430, 51.6452, -44.9401
Hunter-Lab	43.5416, 9.5941, -62.3906

Details

The Hex color **3D76D9** 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 **D9A03D**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7FAAFF**, and **0047A1** is the 20% darker color. If you saturate the color by 10%, you get **2768D9**, and if you desaturate by 10%, it is **5384D9**.

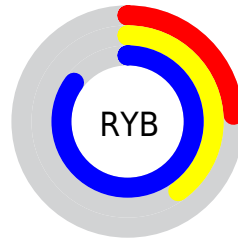
Distribution



Red (24%)

Green (46%)

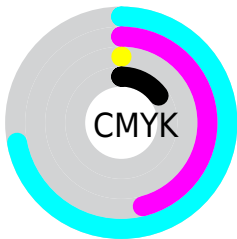
Blue (85%)



Red (24%)

Yellow (40%)

Blue (85%)

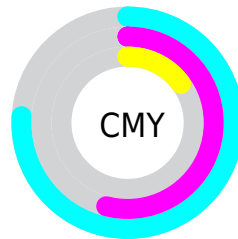


Cyan (72%)

Magenta (46%)

Yellow (0%)

Black (15%)



Cyan (76%)

Magenta (54%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D76D9 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 3D76D9 by changing the saturation by 10% instead.

■ 3D76D9

■ 3D76D9

FFFFFF

■ 035EBD

■ 7FAAFF

■ 0047A1

■ 9DC5FF

■ 003187

■ BBE1FF

■ 001E6D

■ D9FDFF

■ 000254

■ F8FFFF

■ 00063C

■ 000225

■ 00010D

■ 000000

■ 3D76D9

■ 3D76D9

■ 2768D9

■ 5384D9

■ 125AD9

■ 6892D9

■ 004FD9

■ 7E9FD9

■ 94ADD9

■ AABBD9

■ BFC9D9

■ D5D6D9

■ EBE4D9

■ FFF2D9

Harmonies

Analogous

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



0085D8



3D76D9



9960C0

Triad

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



3D76D9



C55834



008E5D

Complementary

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



3D76D9



D9A03D

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.



3F882C



3D76D9



A56D08

Square

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



3D76D9



D14762



7A7E00



009090

Rectangle

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



3D76D9



BA51A4



7A7E00



008D4C

Sweetspot

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



3D76D9



C7DBFF



3DD9A0



5E6A80



000000



808080

Same Dimension

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



3D76D9



2474FF



523DD9



63676E



003FAD



00112E

Inverse Universe

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



D93D76



FF2474



C4D93D



6E6367



AD003F



2E0011

Previews

White Background



This preview shows how the Hex color 3D76D9 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



This preview shows how the Hex color 3D76D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

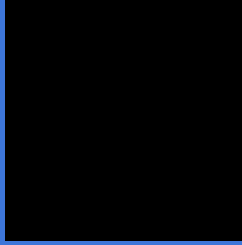
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

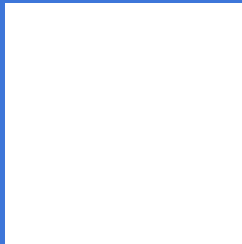
Any Text WCAG AAA × Fail

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

Hex 3D76D9 Background



This preview shows how black text looks on a background with the Hex color 3D76D9.



This preview shows how white text looks on a background with the Hex color 3D76D9.

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](#).

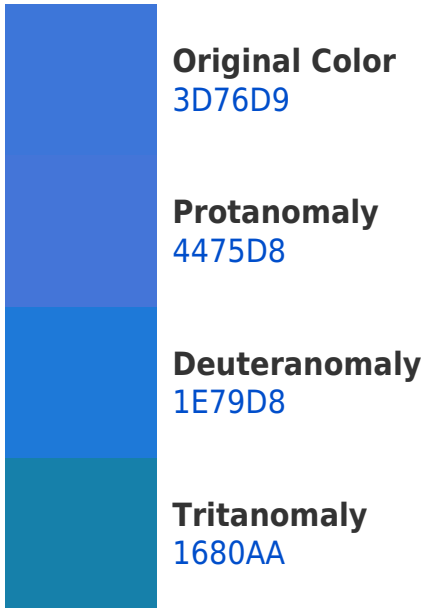
Dichromacy



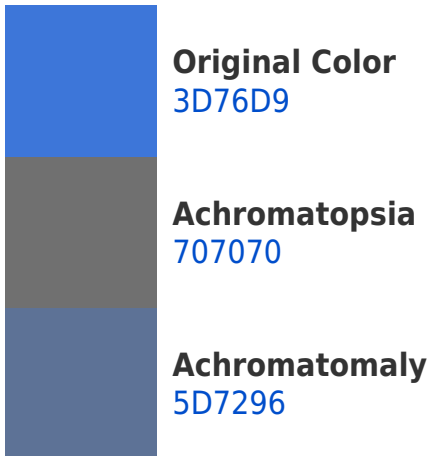


Tritanopia
00858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D76D9 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 #3D76D9 looks like.

```
.text, #text, p{  
    color:#3D76D9  
}
```

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 #3D76D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D76D9
}
```

Border

The CSS property to change the border of an element to Hex 3D76D9 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
#3D76D9 }
```

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

```
.border{ border-color:#3D76D9 }
```

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

Here you see how a box with a 4 pixel #3D76D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D76D9; -webkit-box-shadow:4px 4px  
4px 4px #3D76D9; box-shadow:4px 4px 4px  
4px #3D76D9 }
```

Background

The CSS property to change the background color of an element to Hex 3D76D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D76D9 }
```

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

```
.background{ background-color:#3D76D9 }
```

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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