

Converting Colors

Hex(0761DB)

Have a look what the booklet for
Hex(0761DB) contains.

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Color

Hex(0761DB)

Conversions

Conversions Part 1

Format	Color
Hex	0761DB
RGB	7, 97, 219
RGB Percent	3%, 38%, 86%
CMY	0.9725, 0.6196, 0.1412
CMYK	0.97, 0.56, 0.00, 0.14
HSL	215°, 94%, 44%
HSV	215°, 97%, 86%
XYZ	17.1485, 13.7090, 68.7601
YIQ	83.9980, -92.8020, 18.8620

Conversions

Conversions Part 2

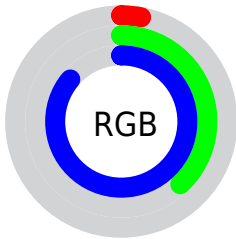
Format	Color
RYB	7, 70, 219
Decimal	483803
CIELab	43.81, 24.72, -68.46
CIELCh	44, 72.789, 289.851
Yxy	13.7090, 0.1721, 0.1376
Android (android.graphics.Color)	4278673883 (0xFF0761DB)
YUV	83.9980, 66.5560, -67.5272
Hunter-Lab	37.0257, 17.8775, -84.1889

Details

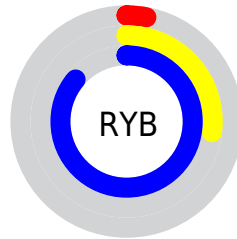
The Hex color **0761DB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DB8107**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6993FF**, and **0034A3** is the 20% darker color. If you saturate the color by 10%, you get **005DDB**, and if you desaturate by 10%, it is **1D6EDB**.

Distribution



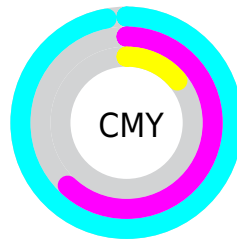
- Red (3%)
- Green (38%)
- Blue (86%)



- Red (3%)
- Yellow (27%)
- Blue (86%)



- Cyan (97%)
- Magenta (56%)
- Yellow (0%)
- Black (14%)



- Cyan (97%)
- Magenta (62%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0761DB 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 0761DB by changing the saturation by 10% instead.

 0761DB

 0761DB

FFFFFF

 004ABF

 6993FF

 0034A3

 89ADFF

 002188

 A9C8FF

 000D6E

 C8E4FF

 000C54

 E7FFFF

 00063C

 000226

 00010E

 000000

■ 0761DB

■ 0761DB

■ 005DDB

■ 1D6EDB

■ 337ADB

■ 4987DB

■ 5F93DB

■ 75A0DB

■ 8AADDDB

■ A0B9DB

■ B6C6DB

■ CCD2DB

Harmonies

Analogous

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



0075E0



0761DB



993FB7

Triad

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



0761DB



B83F00



007F50

Complementary

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



0761DB



DB8107

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.



007B03



0761DB



8F5E00

Square

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



0761DB



CD0D43



597100



00818F

Rectangle

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



0761DB



BC1F93



597100



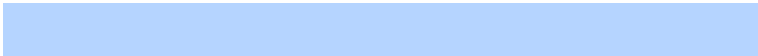
007E3B

Sweetspot

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



0761DB



B5D4FF



07DB7F



536680



000000



808080

Same Dimension

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



0761DB



006CFF



1507DB



63676E



004AAD



00132E

Inverse Universe

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



DB0761



FF006C



CDDB07



6E6367



AD004A



2E0013

Previews

White Background



This preview shows how the Hex color 0761DB 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 0761DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

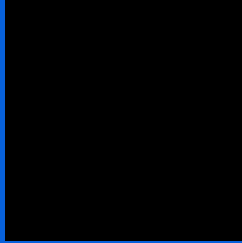
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

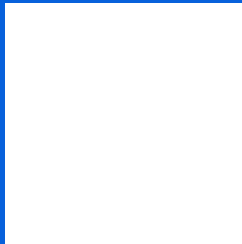
Any Text WCAG AAA × Fail

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

Hex 0761DB Background



This preview shows how black text looks on a background with the Hex color 0761DB.



This preview shows how white text looks on a background with the Hex color 0761DB.

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



Original Color
0761DB

Protanopia
0063D3

Deuteranopia
006AB5



Trichromacy



Original Color
0761DB

Protanomaly
0362D6

Deuteranomaly
0367C3

Tritanomaly
036C9D

Monochromacy



Original Color
0761DB

Achromatopsia
545454

Achromatomaly
385985

CSS Examples

Text

The CSS property to change the color of the text to Hex 0761DB 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 #0761DB looks like.

```
.text, #text, p{  
    color:#0761DB  
}
```

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 #0761DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0761DB
}
```

Border

The CSS property to change the border of an element to Hex 0761DB 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
#0761DB }
```

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

```
.border{ border-color:#0761DB }
```

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

Here you see how a box with a 4 pixel #0761DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0761DB; -webkit-box-shadow:4px 4px  
4px 4px #0761DB; box-shadow:4px 4px 4px  
4px #0761DB }
```

Background

The CSS property to change the background color of an element to Hex 0761DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0761DB }
```

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

```
.background{ background-color:#0761DB }
```

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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