

Converting Colors

Hex(0F4DB1)

Have a look what the booklet for
Hex(0F4DB1) contains.

Hex(0F4DB1)	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(0F4DB1)

Conversions

Conversions Part 1

Format	Color
Hex	0F4DB1
RGB	15, 77, 177
RGB Percent	6%, 30%, 69%
CMY	0.9412, 0.6980, 0.3059
CMYK	0.92, 0.56, 0.00, 0.31
HSL	217°, 84%, 38%
HSV	217°, 92%, 69%
XYZ	10.7867, 8.5836, 42.6833
YIQ	69.8620, -69.0520, 17.9560

Conversions

Conversions Part 2

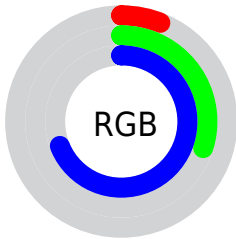
Format	Color
RYB	15, 60, 177
Decimal	1002929
CIELab	35.17, 21.52, -58.15
CIELCh	35, 62.003, 290.306
Yxy	8.5836, 0.1738, 0.1383
Android (android.graphics.Color)	4279193009 (0xFF0F4DB1)
YUV	69.8620, 52.8190, -48.1140
Hunter-Lab	29.2978, 14.4477, -65.8695

Details

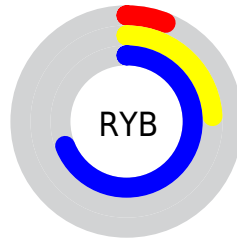
The Hex color **0F4DB1** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B1730F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5F7DEA**, and **00237B** is the 20% darker color. If you saturate the color by 10%, you get **0044B1**, and if you desaturate by 10%, it is **2158B1**.

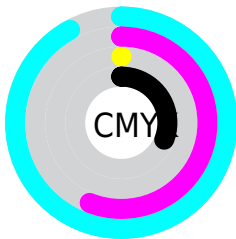
Distribution



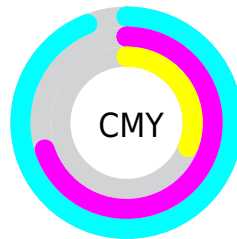
- Red (6%)
- Green (30%)
- Blue (69%)



- Red (6%)
- Yellow (24%)
- Blue (69%)



- Cyan (92%)
- Magenta (56%)
- Yellow (0%)
- Black (31%)



- Cyan (94%)
- Magenta (70%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F4DB1 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 0F4DB1 by changing the saturation by 10% instead.

0F4DB1

0F4DB1

FFFFFF

003796

5F7DEA

00237B

7E97FF

000F62

9CB2FF

000849

B9CDFF

000432

D7E9FF

00011C

F6FFFF

000000

0F4DB1

0F4DB1

0044B1

2158B1

 3263B1

 446EB1

 5679B1

 6884B1

 798FB1

 8B99B1

 9DA4B1

 AEAFB1

Harmonies

Analogous

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



005EB6



0F4DB1



7C3193

Triad

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



0F4DB1



943200



006640

Complementary

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



0F4DB1



B1730F

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.



006304



0F4DB1



734B00

Square

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



0F4DB1



A60A34



465A00



006774

Rectangle

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



0F4DB1



981775



465A00



00652F

Sweetspot

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



0F4DB1



A8BFE6



0FB173



4E5C73



F2F2F2



737373

Same Dimension

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



0F4DB1



0058E6



220FB1



505459



003B99



000A1A

Inverse Universe

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



B10F4D



E60058



9EB10F



595054



99003B



1A000A

Previews

White Background



This preview shows how the Hex color 0F4DB1 looks on a white background.

Color Contrast Check

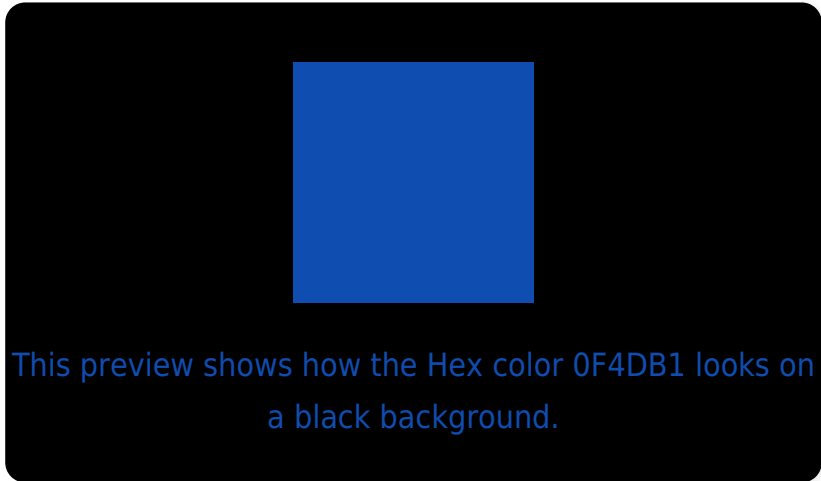
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

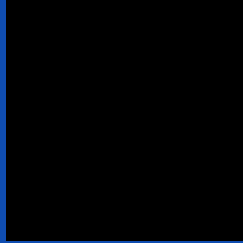
Any Text WCAG AA × Fail

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 0F4DB1 Background



This preview shows how black text looks on a background with the Hex color 0F4DB1.



This preview shows how white text looks on a background with the Hex color 0F4DB1.

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
0F4DB1

Protanopia
004FA9

Deuteranopia
005591



Tritanopia
005C61

Trichromacy



Original Color
0F4DB1

Protanomaly
054EAC

Deuteranomaly
05529D

Tritanomaly
05577E

Monochromacy



Original Color
0F4DB1

Achromatopsia
464646

Achromatomaly
32496D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F4DB1 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 #0F4DB1 looks like.

```
.text, #text, p{  
    color:#0F4DB1  
}
```

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 #0F4DB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4DB1
}
```

Border

The CSS property to change the border of an element to Hex 0F4DB1 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
#0F4DB1 }
```

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

```
.border{ border-color:#0F4DB1 }
```

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

Here you see how a box with a 4 pixel #0F4DB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4DB1; -webkit-box-shadow:4px 4px  
4px 4px #0F4DB1; box-shadow:4px 4px 4px  
4px #0F4DB1 }
```

Background

The CSS property to change the background color of an element to Hex 0F4DB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4DB1 }
```

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

```
.background{ background-color:#0F4DB1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor