

Converting Colors

Hex(0F33C2)

Have a look what the booklet for
Hex(0F33C2) contains.

Hex(0F33C2)	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>	28

Color

Hex(0F33C2)

Conversions

Conversions Part 1

Format	Color
Hex	0F33C2
RGB	15, 51, 194
RGB Percent	6%, 20%, 76%
CMY	0.9412, 0.8000, 0.2392
CMYK	0.92, 0.74, 0.00, 0.24
HSL	228°, 86%, 41%
HSV	228°, 92%, 76%
XYZ	11.1184, 6.3643, 51.6814
YIQ	56.5380, -67.3590, 36.8410

Conversions

Conversions Part 2

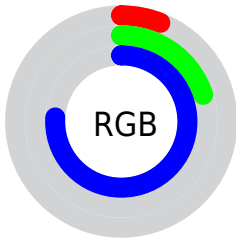
Format	Color
R_{YB}	15, 45, 194
Decimal	996290
CIE _{Lab}	30.31, 44.91, -76.16
CIE _{LCh}	30, 88.413, 300.525
Yxy	6.3643, 0.1608, 0.0920
Android (android.graphics.Color)	4279186370 (0xFF0F33C2)
YUV	56.5380, 67.7688, -36.4288
Hunter-Lab	25.2275, 34.5217, -103.8031

Details

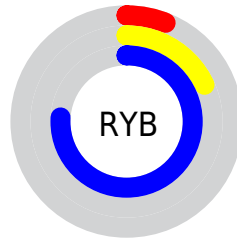
The Hex color **0F33C2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C29E0F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6762FC**, and **00098B** is the 20% darker color. If you saturate the color by 10%, you get **0027C2**, and if you desaturate by 10%, it is **2242C2**.

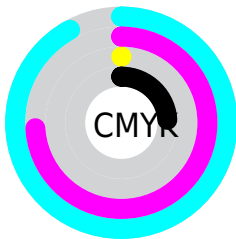
Distribution



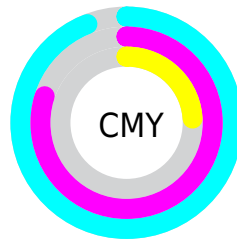
- Red (6%)
- Green (20%)
- Blue (76%)



- Red (6%)
- Yellow (18%)
- Blue (76%)



- Cyan (92%)
- Magenta (74%)
- Yellow (0%)
- Black (24%)



- Cyan (94%)
- Magenta (80%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F33C2 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 0F33C2 by changing the saturation by 10% instead.

■ 0F33C2

■ 0F33C2

FFFFFF

■ 001DA6

■ 6762FC

■ 00098B

■ 877BFF

■ 000071

■ A696FF

■ 000A57

■ C4B0FF

■ 00063E

■ E3CCFF

■ 000328

■ FFE8FF

■ 000111

■ 000000

■ 0F33C2

■ 0F33C2

■ 0027C2

■ 2242C2

■ 3652C2

■ 4961C2

■ 5D71C2

■ 7080C2

■ 8390C2

■ 979FC2

■ AA AFC2

■ BEBEC2

Harmonies

Analogous

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



0053D6



0F33C2



94008D

Triad

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



0F33C2



8B1F00



005E47

Complementary

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



0F33C2



C29E0F

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.



005C00



0F33C2



574600

Square

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



0F33C2



AD0004



005600



00608D

Rectangle

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



0F33C2



AF0060



005600



005D2E

Sweetspot

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



0F33C2



B6C4FC



0FC29B



545D80



000000



808080

Same Dimension

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



0F33C2



0033FC



420FC2



575961



0020A1



000721

Inverse Universe

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



C20F33



FC0033



8FC20F



615759



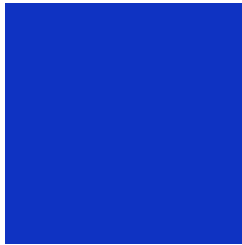
A10020



210007

Previews

White Background



This preview shows how the Hex color 0F33C2 looks on a white background.

Color Contrast Check

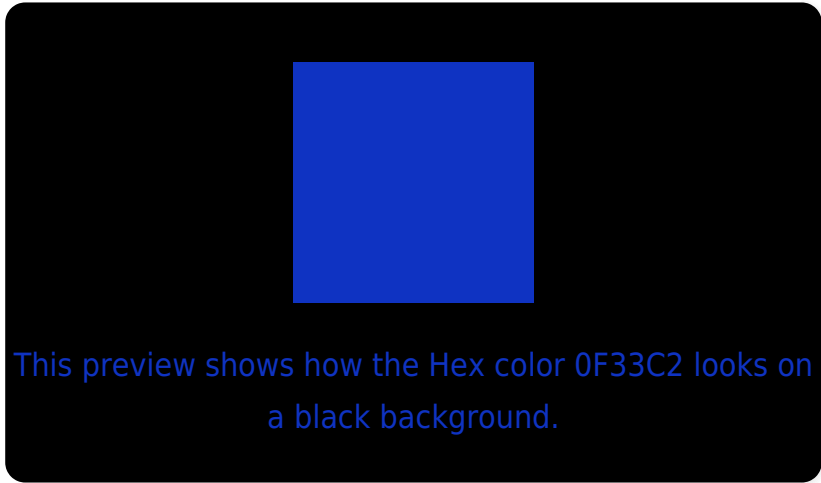
Large Text (above 18pt) WCAG AA ✓ Pass

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

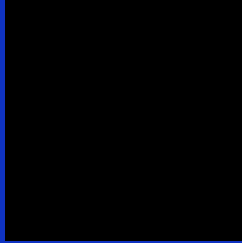
Any Text WCAG AA × Fail

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 0F33C2 Background



This preview shows how black text looks on a background with the Hex color 0F33C2.

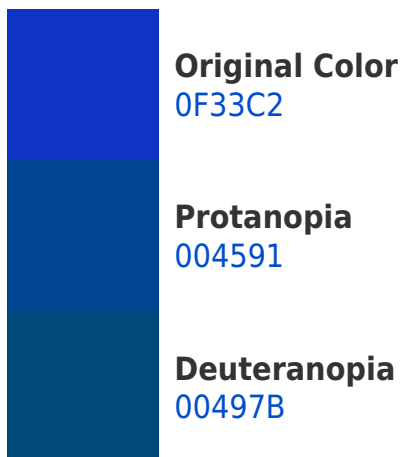


This preview shows how white text looks on a background with the Hex color 0F33C2.

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
0F33C2

Protanomaly
053EA3

Deuteranomaly
054195

Monochromacy



Original Color
0F33C2

Achromatopsia
393939

Achromatomaly
2A376B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F33C2 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 #0F33C2 looks like.

```
.text, #text, p{  
    color:#0F33C2  
}
```

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 #0F33C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F33C2
}
```

Border

The CSS property to change the border of an element to Hex 0F33C2 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
#0F33C2 }
```

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

```
.border{ border-color:#0F33C2 }
```

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

Here you see how a box with a 4 pixel #0F33C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F33C2; -webkit-box-shadow:4px 4px  
4px 4px #0F33C2; box-shadow:4px 4px 4px  
4px #0F33C2 }
```

Background

The CSS property to change the background color of an element to Hex 0F33C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F33C2 }
```

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

```
.background{ background-color:#0F33C2 }
```

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