

Converting Colors

Hex(0C20F3)

Have a look what the booklet for
Hex(0C20F3) contains.

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Color

Hex(0C20F3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0C20F3 |
| RGB | 12, 32, 243 |
| RGB Percent | 5%, 13%, 95% |
| CMY | 0.9529, 0.8745, 0.0471 |
| CMYK | 0.95, 0.87, 0.00, 0.05 |
| HSL | 235°, 91%, 50% |
| HSV | 235°, 95%, 95% |
| XYZ | 16.8458, 7.5823, 85.3697 |
| YIQ | 50.0740, -79.6510, 61.3810 |

Conversions

Conversions Part 2

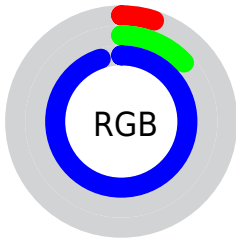
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 12, 30, 243 |
| Decimal | 794867 |
| CIE Lab | 33.10, 69.23, -99.77 |
| CIE LCh | 33, 121.439, 304.757 |
| Yxy | 7.5823, 0.1534, 0.0691 |
| Android (android.graphics.Color) | 4278984947 (0xFF0C20F3) |
| YUV | 50.0740, 95.1125, -33.3909 |
| Hunter-Lab | 27.5359, 61.0142, -164.5420 |

Details

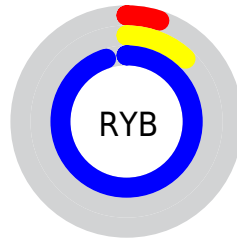
The Hex color **0C20F3** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **F3DF0C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7655FF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **0015F3**, and if you desaturate by 10%, it is **2436F3**.

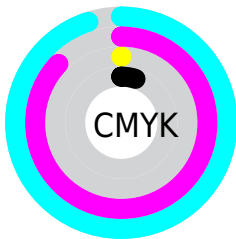
Distribution



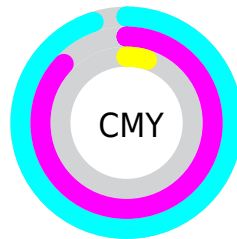
- Red (5%)
- Green (13%)
- Blue (95%)



- Red (5%)
- Yellow (12%)
- Blue (95%)



- Cyan (95%)
- Magenta (87%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (87%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C20F3 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 0C20F3 by changing the saturation by 10% instead.

 0C20F3

 0C20F3

FFFFFF

 0000D6

 7655FF

 0000B9

 9970FF

 00009D

 BB8AFF

 000082

 DBA6FF

 001067

 FCC2FF

 000A4E

 FFDEFF

 000536

 FFFCFF

 000220

 000004

■ 0C20F3

■ 0C20F3

■ 0015F3

■ 2436F3

■ 3D4CF3

■ 5563F3

■ 6D79F3

■ 858FF3

■ 9EA5F3

■ B6BBF3

■ CED2F3

■ E7E8F3

Harmonies

Analogous

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



005EFF



0C20F3



C000A3

Triad

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



0C20F3



9C1500



00695C

Complementary

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



0C20F3



F3DF0C

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.



006700



0C20F3



525100

Square

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



0C20F3



D00000



006200



006DBD

Rectangle

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



0C20F3



DE0064



006200



00683A

Sweetspot

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



0C20F3



B5BBFF



0CF3DC



535780



000000



808080

Same Dimension

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



0C20F3



0016FF



680CF3



6E6F7A



0010BA



00053B

Inverse Universe

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



F30C20



FF0016



97F30C



7A6E6F



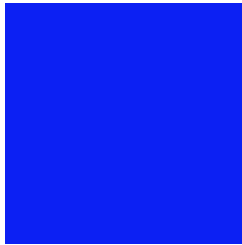
BA0010



3B0005

Previews

White Background



This preview shows how the Hex color 0C20F3 looks on a white background.

Color Contrast Check

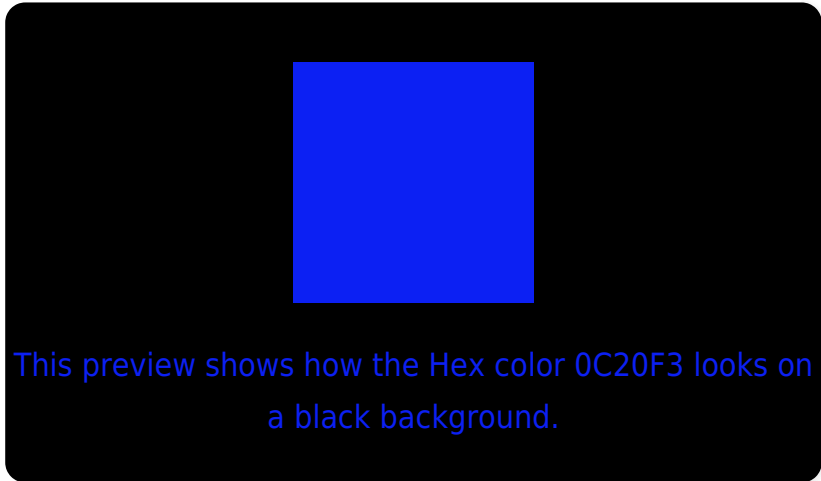
Large Text (above 18pt) WCAG AA ✓ Pass

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 0C20F3 Background



This preview shows how black text looks on a background with the Hex color 0C20F3.



This preview shows how white text looks on a background with the Hex color 0C20F3.

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
0C20F3

Protanopia
004B9D

Deuteranopia
005085

Trichromacy



Original Color
0C20F3

Protanomaly
043BBC

Deuteranomaly
043FAD

Tritanomaly
044292

Monochromacy



Original Color
0C20F3

Achromatopsia
323232

Achromatomaly
242B78

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C20F3 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 #0C20F3 looks like.

```
.text, #text, p{  
    color:#0C20F3  
}
```

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 #0C20F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C20F3
}
```

Border

The CSS property to change the border of an element to Hex 0C20F3 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
#0C20F3 }
```

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

```
.border{ border-color:#0C20F3 }
```

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

Here you see how a box with a 4 pixel #0C20F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C20F3; -webkit-box-shadow:4px 4px  
4px 4px #0C20F3; box-shadow:4px 4px 4px  
4px #0C20F3 }
```

Background

The CSS property to change the background color of an element to Hex 0C20F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C20F3 }
```

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

```
.background{ background-color:#0C20F3 }
```

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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