

Converting Colors

Hex(0A13F5)

Have a look what the booklet for
Hex(0A13F5) contains.

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Color

Hex(0A13F5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0A13F5 |
| RGB | 10, 19, 245 |
| RGB Percent | 4%, 7%, 96% |
| CMY | 0.9608, 0.9255, 0.0392 |
| CMYK | 0.96, 0.92, 0.00, 0.04 |
| HSL | 238°, 92%, 50% |
| HSV | 238°, 96%, 96% |
| XYZ | 16.8395, 7.1228, 86.8735 |
| YIQ | 42.0730, -77.9100, 68.3780 |

Conversions

Conversions Part 2

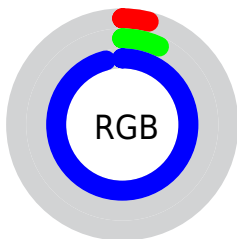
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 10, 19, 245 |
| Decimal | 660469 |
| CIE Lab | 32.08, 73.56, -102.59 |
| CIE LCh | 32, 126.240, 305.641 |
| Yxy | 7.1228, 0.1519, 0.0643 |
| Android (android.graphics.Color) | 4278850549 (0xFF0A13F5) |
| YUV | 42.0730, 100.0430, -28.1280 |
| Hunter-Lab | 26.6887, 65.9212, -174.3111 |

Details

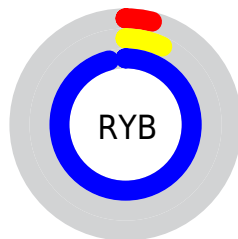
The Hex color **0A13F5** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F5EC0A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **774DFF**, and **0000BB** is the 20% darker color. If you saturate the color by 10%, you get **0009F5**, and if you desaturate by 10%, it is **222BF5**.

Distribution



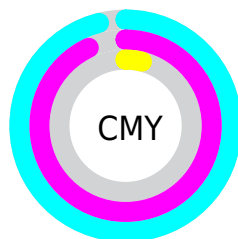
- Red (4%)
- Green (7%)
- Blue (96%)



- Red (4%)
- Yellow (7%)
- Blue (96%)



- Cyan (96%)
- Magenta (92%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (93%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A13F5 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 0A13F5 by changing the saturation by 10% instead.

 0A13F5

 0A13F5

FFFFFF

 0000D8

 774DFF

 0000BB

 9A68FF

 00009F

 BC83FF

 000083

 DD9FFF

 001169

 FEBBFF

 000A50

 FFD8FF

 000538

 FFF5FF

 000221

 000007

■ 0A13F5

■ 0A13F5

■ 0009F5

■ 222BF5

■ 3B42F5

■ 545AF5

■ 6C71F5

■ 8489F5

■ 9DA0F5

■ B6B8F5

■ CECFF5

■ E7E7F5

Harmonies

Analogous

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



005CFF



0A13F5



C300A0

Triad

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



0A13F5



991000



00675D

Complementary

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



0A13F5



F5EC0A

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.



006400



0A13F5



4C4F00

Square

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



0A13F5



CF0000



006000



006BC2

Rectangle

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



0A13F5



E0005F



006000



00663A

Sweetspot

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



0A13F5



B5B8FF



0AF5E9



535580



000000



808080

Same Dimension

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



0A13F5



000AFF



740AF5



6E6F7A



0007BA



00023B

Inverse Universe

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



F50A13



FF000A



8BF50A



7A6E6F



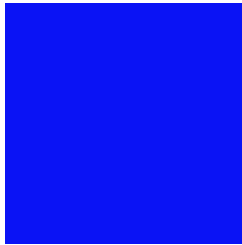
BA0007



3B0002

Previews

White Background



This preview shows how the Hex color 0A13F5 looks on a white background.

Color Contrast Check

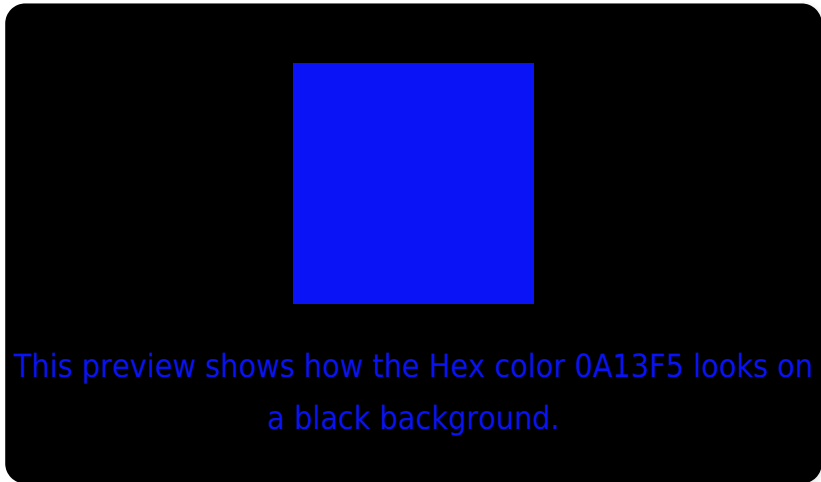
Large Text (above 18pt) WCAG AA ✓ Pass

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

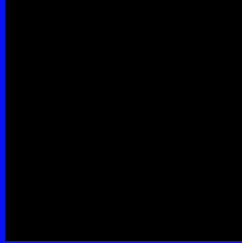
Any Text WCAG AA × Fail

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 0A13F5 Background



This preview shows how black text looks on a background with the Hex color 0A13F5.



This preview shows how white text looks on a background with the Hex color 0A13F5.

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
0A13F5

Protanopia
004999

Deuteranopia
004E81

Trichromacy



Original Color
0A13F5

Protanomaly
0435BA

Deuteranomaly
0439AB

Tritanomaly
043C90

Monochromacy



Original Color
0A13F5

Achromatopsia
2A2A2A

Achromatomaly
1E2274

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A13F5 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 #0A13F5 looks like.

```
.text, #text, p{  
    color:#0A13F5  
}
```

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 #0A13F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A13F5
}
```

Border

The CSS property to change the border of an element to Hex 0A13F5 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".

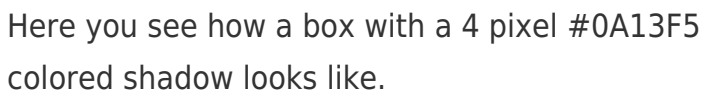
```
.border, #border, table{ border:4px solid
#0A13F5 }
```

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

```
.border{ border-color:#0A13F5 }
```

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

Here you see how a box with a 4 pixel #0A13F5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A13F5; -webkit-box-shadow:4px 4px  
4px 4px #0A13F5; box-shadow:4px 4px 4px  
4px #0A13F5 }
```

Background

The CSS property to change the background color of an element to Hex 0A13F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A13F5 }
```

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

```
.background{ background-color:#0A13F5 }
```

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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