

Converting Colors

Hex(013FD1)

Have a look what the booklet for
Hex(013FD1) contains.

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Color

Hex(013FD1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 013FD1 |
| RGB | 1, 63, 209 |
| RGB Percent | 0%, 25%, 82% |
| CMY | 0.9961, 0.7529, 0.1804 |
| CMYK | 1.00, 0.70, 0.00, 0.18 |
| HSL | 222°, 99%, 41% |
| HSV | 222°, 100%, 82% |
| XYZ | 13.2986, 8.1649, 61.1967 |
| YIQ | 61.1060, -83.8180, 32.2620 |

Conversions

Conversions Part 2

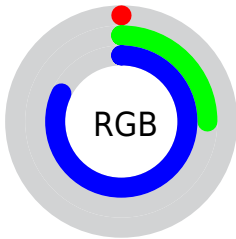
| Format | Color |
|-------------------------------------|---|
| RYB | 1, 49, 209 |
| Decimal | 81873 |
| CIELab | 34.32, 42.66, -78.29 |
| CIELCh | 34, 89.154, 298.587 |
| Yxy | 8.1649, 0.1609, 0.0988 |
| Android (android.graphics.Color) | 4278271953 (0xFF013FD1) |
| YUV | 61.1060, 72.9117, -52.7130 |
| Hunter-Lab | 28.5743, 33.0698, -106.9774 |

Details

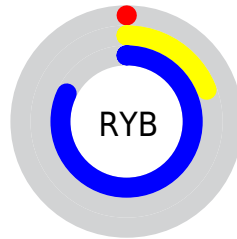
The Hex color **013FD1** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D19301**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **686FFF**, and **001599** is the 20% darker color. If you saturate the color by 10%, you get **003ED1**, and if you desaturate by 10%, it is **164ED1**.

Distribution



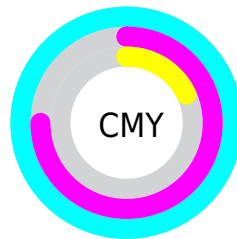
- Red (0%)
- Green (25%)
- Blue (82%)



- Red (0%)
- Yellow (19%)
- Blue (82%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (75%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 013FD1 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 013FD1 by changing the saturation by 10% instead.

■ 013FD1

■ 013FD1

FFFFFF

■ 0029B5

■ 686FFF

■ 001599

■ 8888FF

■ 00037E

■ A8A3FF

■ 000264

■ C7BEFF

■ 00094B

■ E6DAFF

■ 000433

■ FFF6FF

■ 00021D

■ 000000

■ 013FD1

■ 013FD1

■ 003ED1

■ 164ED1

■ 2B5CD1

■ 406BD1

■ 557AD1

■ 6988D1

■ 7E97D1

■ 93A6D1

■ A8B4D1

■ BDC3D1

Harmonies

Analogous

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



005EE3



013FD1



9C009C

Triad

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



013FD1



9A2500



00694B

Complementary

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



013FD1



D19301

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.



006600



013FD1



664E00

Square

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



013FD1



BC0013



0F5F00



006B94

Rectangle

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



013FD1



BA006F



0F5F00



006832

Sweetspot

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



013FD1



B3C9FF



01D193



525F80



000000



808080

Same Dimension

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



013FD1



004CFF



2B01D1



5E6169



0032A8



000C29

Inverse Universe

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



D1013F



FF004C



A7D101



695E61



A80032



29000C

Previews

White Background



This preview shows how the Hex color 013FD1 looks on a white background.

Color Contrast Check

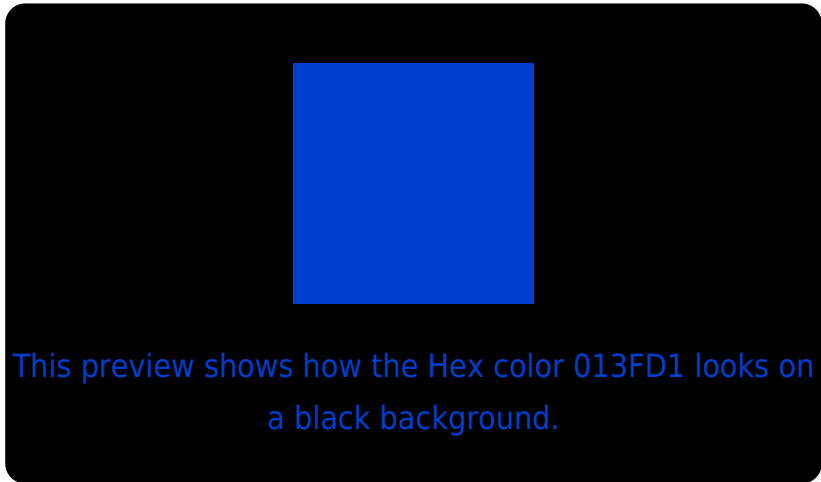
Large Text (above 18pt) WCAG AA ✓ Pass

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

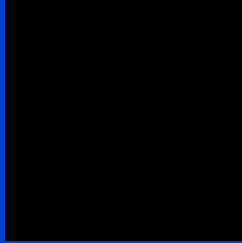
Any Text WCAG AA × Fail

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 013FD1 Background



This preview shows how black text looks on a background with the Hex color 013FD1.



This preview shows how white text looks on a background with the Hex color 013FD1.

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





Tritanopia
005A5E

Trichromacy



Original Color
013FD1

Protanomaly
0049B4

Deuteranomaly
004CA5

Tritanomaly
005088

Monochromacy



Original Color
013FD1

Achromatopsia
3D3D3D

Achromatomaly
273E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 013FD1 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 #013FD1 looks like.

```
.text, #text, p{  
    color:#013FD1  
}
```

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 #013FD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #013FD1
}
```

Border

The CSS property to change the border of an element to Hex 013FD1 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
#013FD1 }
```

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

```
.border{ border-color:#013FD1 }
```

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

Here you see how a box with a 4 pixel #013FD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #013FD1; -webkit-box-shadow:4px 4px  
4px 4px #013FD1; box-shadow:4px 4px 4px  
4px #013FD1 }
```

Background

The CSS property to change the background color of an element to Hex 013FD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#013FD1 }
```

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

```
.background{ background-color:#013FD1 }
```

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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