

Converting Colors

Hex(024FD2)

Have a look what the booklet for
Hex(024FD2) contains.

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Color

Hex(024FD2)

Conversions

Conversions Part 1

Format	Color
Hex	024FD2
RGB	2, 79, 210
RGB Percent	1%, 31%, 82%
CMY	0.9922, 0.6902, 0.1765
CMYK	0.99, 0.62, 0.00, 0.18
HSL	218°, 98%, 42%
HSV	218°, 99%, 82%
XYZ	14.4539, 10.2580, 62.1910
YIQ	70.9110, -87.9430, 24.4170

Conversions

Conversions Part 2

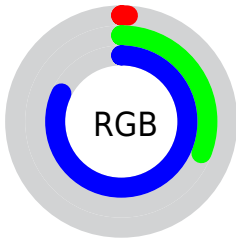
Format	Color
R _Y B	2, 58, 210
Decimal	151506
CIE Lab	38.30, 32.82, -72.32
CIE LCh	38, 79.417, 294.412
Yxy	10.2580, 0.1663, 0.1180
Android (android.graphics.Color)	4278341586 (0xFF024FD2)
YUV	70.9110, 68.5709, -60.4349
Hunter-Lab	32.0281, 24.5055, -92.7073

Details

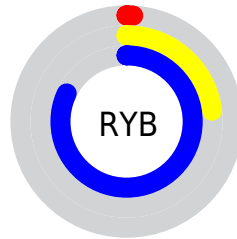
The Hex color **024FD2** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D28502**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6780FF**, and **00249A** is the 20% darker color. If you saturate the color by 10%, you get **004ED2**, and if you desaturate by 10%, it is **175CD2**.

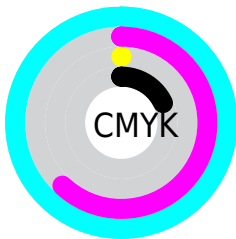
Distribution



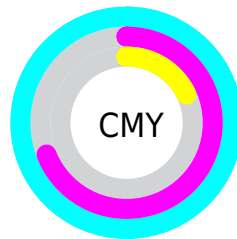
- Red (1%)
- Green (31%)
- Blue (82%)



- Red (1%)
- Yellow (23%)
- Blue (82%)



- Cyan (99%)
- Magenta (62%)
- Yellow (0%)
- Black (18%)



- Cyan (99%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024FD2 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 024FD2 by changing the saturation by 10% instead.

■ 024FD2

■ 024FD2

FFFFFF

■ 0039B6

■ 6780FF

■ 00249A

■ 8799FF

■ 00137F

■ A6B4FF

■ 000066

■ C5CFFF

■ 00094C

■ E4ECFF

■ 000535

■ 00021E

■ 000001

■ 000000

■ 024FD2

■ 024FD2

■ 004ED2

■ 175CD2

■ 2C69D2

■ 4177D2

■ 5684D2

■ 6B91D2

■ 809ED2

■ 95ACD2

■ AAB9D2

■ BFC6D2

Harmonies

Analogous

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



0067DD



024FD2



981CA6

Triad

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



024FD2



A73100



00724C

Complementary

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



024FD2



D28502

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.



006E00



024FD2



795400

Square

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



024FD2



C1002A



3B6600



00738E

Rectangle

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



024FD2



B8007E



3B6600



007135

Sweetspot

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



024FD2



B3CFFF



02D282



526380



000000



808080

Same Dimension

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



024FD2



005EFF



1A02D2



5E6269



003EA8



000F29

Inverse Universe

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



D2024F



FF005E



BAD202



695E62



A8003E



29000F

Previews

White Background



This preview shows how the Hex color 024FD2 looks on a white background.

Color Contrast Check

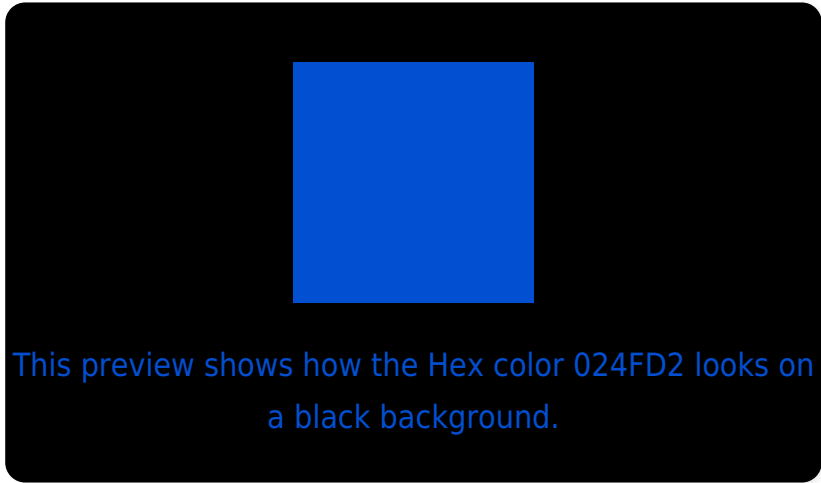
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

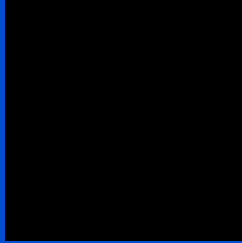
Any Text WCAG AA × Fail

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 024FD2 Background



This preview shows how black text looks on a background with the Hex color 024FD2.



This preview shows how white text looks on a background with the Hex color 024FD2.

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
024FD2

Protanopia
0057B7

Deuteranopia
005C9D



Tritanopia
00646A

Trichromacy



Original Color
024FD2

Protanomaly
0154C1

Deuteranomaly
0157B0

Tritanomaly
015C90

Monochromacy



Original Color
024FD2

Achromatopsia
474747

Achromatomaly
2E4A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 024FD2 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 #024FD2 looks like.

```
.text, #text, p{  
    color:#024FD2  
}
```

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 #024FD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024FD2
}
```

Border

The CSS property to change the border of an element to Hex 024FD2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

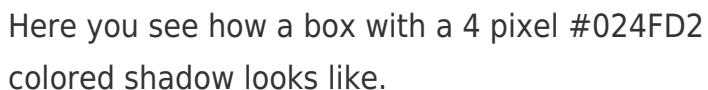
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#024FD2 }
```

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

```
.border{ border-color:#024FD2 }
```

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



Here you see how a box with a 4 pixel #024FD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024FD2; -webkit-box-shadow:4px 4px  
4px 4px #024FD2; box-shadow:4px 4px 4px  
4px #024FD2 }
```

Background

The CSS property to change the background color of an element to Hex 024FD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024FD2 }
```

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

```
.background{ background-color:#024FD2 }
```

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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