

# Converting Colors

Hex(0914F6)

Have a look what the booklet for  
Hex(0914F6) contains.

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# Color

**Hex(0914F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0914F6
RGB	9, 20, 246
RGB Percent	4%, 8%, 96%
CMY	0.9647, 0.9216, 0.0353
CMYK	0.96, 0.92, 0.00, 0.04
HSL	237°, 93%, 50%
HSV	237°, 96%, 96%
XYZ	16.9974, 7.2122, 87.6850
YIQ	42.4750, -79.1020, 67.9540

# Conversions

## Conversions Part 2

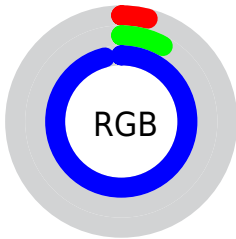
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	9, 20, 246
Decimal	595190
CIE Lab	32.29, 73.57, -102.82
CIE LCh	32, 126.434, 305.585
Yxy	7.2122, 0.1519, 0.0645
Android (android.graphics.Color)	4278785270 (0xFF0914F6)
YUV	42.4750, 100.3378, -29.3576
Hunter-Lab	26.8556, 65.9786, -174.7865

# Details

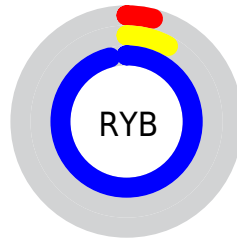
The Hex color **0914F6** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F6EB09**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **774EFF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **000BF6**, and if you desaturate by 10%, it is **222BF6**.

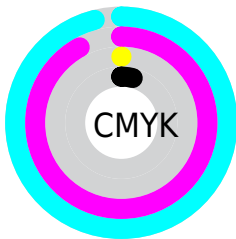
# Distribution



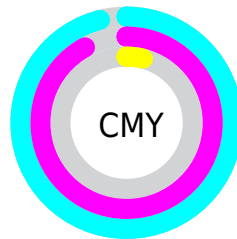
- Red (4%)
- Green (8%)
- Blue (96%)



- Red (4%)
- Yellow (8%)
- Blue (96%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0914F6 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 0914F6 by changing the saturation by 10% instead.



 0914F6

 0914F6

FFFFFF

 0000D9

 774EFF

 0000BC

 9B69FF

 0000A0

 BC84FF

 000084

 DDA0FF

 00116A

 FEBCFF

 000A50

 FFD8FF

 000538

 FFF6FF

 000222

 000008

■ 0914F6

■ 0914F6

■ 000BF6

■ 222BF6

■ 3A43F6

■ 535AF6

■ 6B72F6

■ 8489F6

■ 9DA1F6

■ B5B8F6

■ CED0F6

■ E6E7F6

# Harmonies

## Analogous

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



005CFF



0914F6



C400A1

# Triad

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



0914F6



9A1000



00685E

# Complementary

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



0914F6



F6EB09

# 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.



006500



0914F6



4D5000

# Square

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



0914F6



D00000



006000



006BC2

# Rectangle

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



0914F6



E10060



006000



00673A



# Sweetspot

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



0914F6



B5B8FF



09F6EA



535580



000000



808080



# Same Dimension

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



0914F6



000CFF



7409F6



6E6F7A



0009BA



00033B



# Inverse Universe

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



F60914



FF000C



8BF609



7A6E6F



BA0009

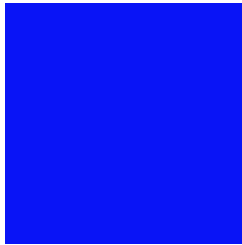


3B0003



# Previews

## White Background



This preview shows how the Hex color 0914F6 looks on a white background.

## Color Contrast Check

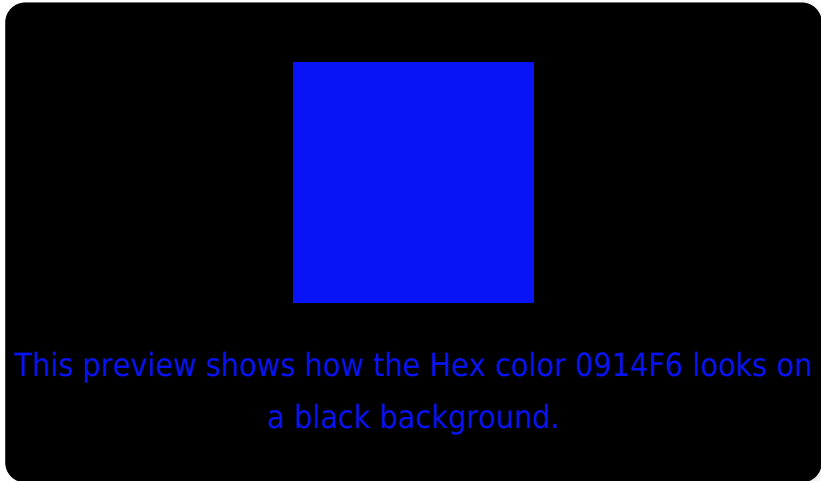
Large Text (above 18pt) WCAG AA ✓ Pass

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

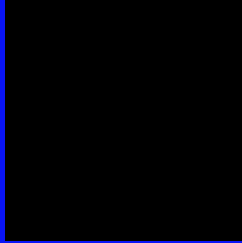
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0914F6 Background



This preview shows how black text looks on a background with the Hex color 0914F6.



This preview shows how white text looks on a background with the Hex color 0914F6.

# 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**  
0914F6

**Protanopia**  
004999

**Deuteranopia**  
004E82



# Trichromacy



**Original Color**  
0914F6

**Protanomaly**  
0336BB

**Deuteranomaly**  
0339AC

**Tritanomaly**  
033D91

# Monochromacy



**Original Color**  
0914F6

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
1E2274

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0914F6 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 #0914F6 looks like.

```
.text, #text, p{  
    color:#0914F6  
}
```

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 #0914F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0914F6
}
```

## Border

The CSS property to change the border of an element to Hex 0914F6 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".

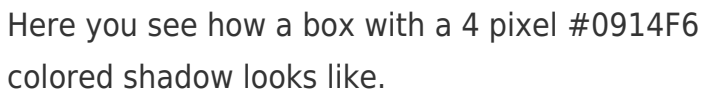
```
.border, #border, table{ border:4px solid
#0914F6 }
```

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

```
.border{ border-color:#0914F6 }
```

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

Here you see how a box with a 4 pixel #0914F6 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 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0914F6; -webkit-box-shadow:4px 4px  
4px 4px #0914F6; box-shadow:4px 4px 4px  
4px #0914F6 }
```

# Background

The CSS property to change the background color of an element to Hex 0914F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0914F6 }
```

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

```
.background{ background-color:#0914F6 }
```

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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