

# Converting Colors

Hex(082FFF)

Have a look what the booklet for  
Hex(082FFF) contains.

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# Color

**Hex(082FFF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	082FFF
RGB	8, 47, 255
RGB Percent	3%, 18%, 100%
CMY	0.9686, 0.8157, 0.0000
CMYK	0.97, 0.82, 0.00, 0.00
HSL	231°, 100%, 52%
HSV	231°, 97%, 100%
XYZ	19.1667, 9.3047, 95.3935
YIQ	59.0510, -90.0120, 56.4200

# Conversions

## Conversions Part 2

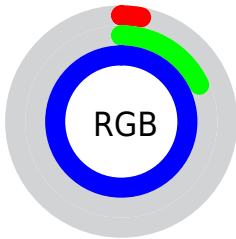
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	8, 42, 255
Decimal	536575
CIE Lab	36.56, 66.64, -100.75
CIE LCh	37, 120.789, 303.481
Yxy	9.3047, 0.1547, 0.0751
Android (android.graphics.Color)	4278726655 (0xFF082FFF)
YUV	59.0510, 96.6029, -44.7717
Hunter-Lab	30.5035, 58.7779, -164.0648

# Details

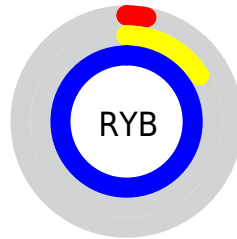
The Hex color **082FFF** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **FFD808**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7862FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0028FF**, and if you desaturate by 10%, it is **2144FF**.

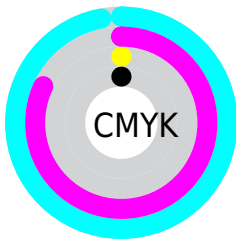
# Distribution



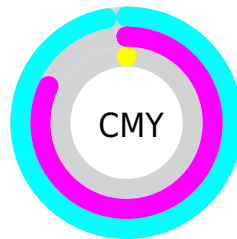
- Red (3%)
- Green (18%)
- Blue (100%)



- Red (3%)
- Yellow (16%)
- Blue (100%)



- Cyan (97%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (82%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 082FFF 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 082FFF by changing the saturation by 10% instead.



 082FFF

 082FFF

FFFFFF

 0014E1

 7862FF

 0000C4

 9B7CFF

 0000A8

 BD97FF

 00008D

 DEB2FF

 000E72

 FFCFFF


 000C58

 FFE8FF

 000740

 000329

 000113

 082FFF

 082FFF

 0028FF

 2144FF

 3B5AFF

 556FFF

 6E85FF

 889AFF

 A1B0FF

 BBC5FF

 D4DBFF

 EEFOFF

# Harmonies

## Analogous

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



0066FF



082FFF



C800B0

# Triad

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



082FFF



AA1C00



007360

# Complementary

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



082FFF



FFD808

# 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.



007000



082FFF



605800

# Square

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



082FFF



DD0000



006A00



0076C2

# Rectangle

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



082FFF



E80070



006A00



00723D



# Sweetspot

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



082FFF



B5C1FF



08FFD6



535A80



000000



808080



# Same Dimension

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



082FFF



0028FF



5A08FF



737580



001EBF



000A40



# Inverse Universe

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



FF082F



FF0028



AFFF08



807375



BF001E

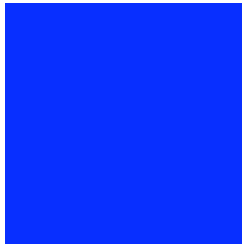


40000A



# Previews

## White Background



This preview shows how the Hex color 082FFF looks on a white background.

## Color Contrast Check

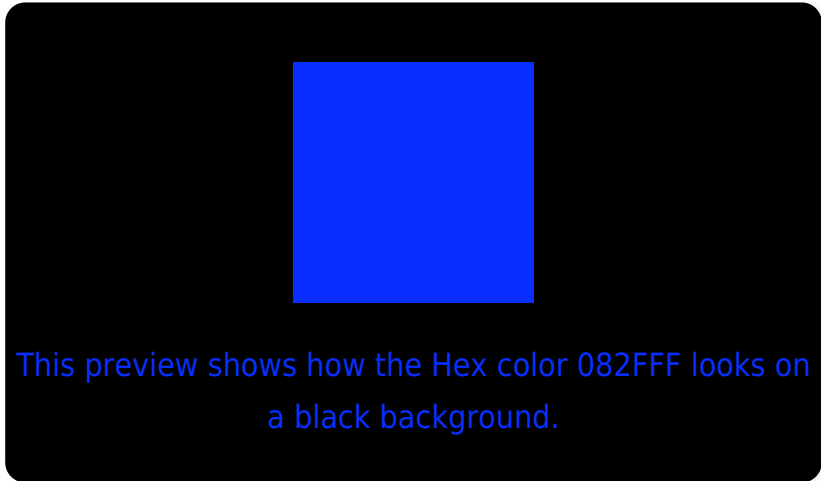
Large Text (above 18pt) WCAG AA ✓ Pass

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 082FFF Background



This preview shows how black text looks on a background with the Hex color 082FFF.



This preview shows how white text looks on a background with the Hex color 082FFF.

# 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**  
005F63

# Trichromacy



**Original Color**  
082FFF

**Protanomaly**  
0345CA

**Deuteranomaly**  
0349BA

**Tritanomaly**  
034E9C

# Monochromacy



**Original Color**  
082FFF

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
283782

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 082FFF 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 #082FFF looks like.

```
.text, #text, p{  
    color:#082FFF  
}
```

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 #082FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #082FFF
}
```

## Border

The CSS property to change the border of an element to Hex 082FFF 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
#082FFF }
```

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

```
.border{ border-color:#082FFF }
```

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

Here you see how a box with a 4 pixel #082FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #082FFF; -webkit-box-shadow:4px 4px  
4px 4px #082FFF; box-shadow:4px 4px 4px  
4px #082FFF }
```

# Background

The CSS property to change the background color of an element to Hex 082FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#082FFF }
```

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

```
.background{ background-color:#082FFF }
```

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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