

Converting Colors

Hex(1070FF)

Have a look what the booklet for
Hex(1070FF) contains.

Hex(1070FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1070FF)

Conversions

Conversions Part 1

Format	Color
Hex	1070FF
RGB	16, 112, 255
RGB Percent	6%, 44%, 100%
CMY	0.9373, 0.5608, 0.0000
CMYK	0.94, 0.56, 0.00, 0.00
HSL	216°, 100%, 53%
HSV	216°, 94%, 100%
XYZ	24.0579, 18.9185, 96.9914
YIQ	99.5980, -103.1190, 24.1210

Conversions

Conversions Part 2

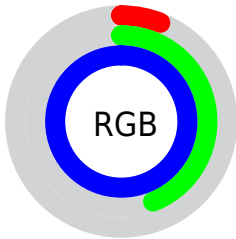
Format	Color
R _Y B	16, 84, 255
Decimal	1077503
CIE Lab	50.59, 29.25, -77.62
CIE LCh	51, 82.951, 290.647
Yxy	18.9185, 0.1719, 0.1352
Android (android.graphics.Color)	4279267583 (0xFF1070FF)
YUV	99.5980, 76.6132, -73.3154
Hunter-Lab	43.4954, 22.6137, -101.7653

Details

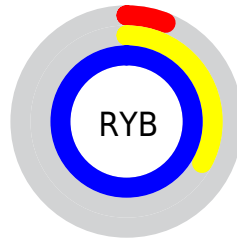
The Hex color **1070FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FF9F10**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **74A3FF**, and **0042C5** is the 20% darker color. If you saturate the color by 10%, you get **0066FF**, and if you desaturate by 10%, it is **2A7FFF**.

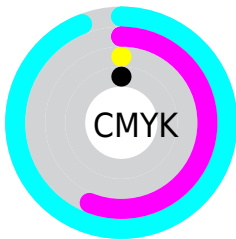
Distribution



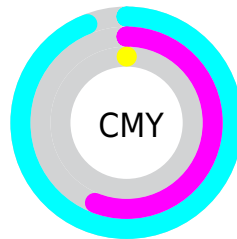
- Red (6%)
- Green (44%)
- Blue (100%)



- Red (6%)
- Yellow (33%)
- Blue (100%)



- Cyan (94%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1070FF 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 1070FF by changing the saturation by 10% instead.

 1070FF

 1070FF

FFFFFF

 0058E2

 74A3FF

 0042C5

 96BEFF

 002DA9

 B7D9FF

 001C8E

 D7F6FF

 000273

 F7FFFF

 000D5A

 000741

 00032A

 000114

 1070FF

 1070FF

 0066FF

 2A7FFF

 438FFF

 5D9EFF

 76ADFF

 90BCFF

 A9CCFF

 C3DBFF

 DCEAFF

 F6F9FF

Harmonies

Analogous

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



0088FF



1070FF



B447D3

Triad

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



1070FF



D54900



00945F

Complementary

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



1070FF



FF9F10

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.



008F02



1070FF



A56E00

Square

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



1070FF



EF044C



648400



0096A9

Rectangle

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



1070FF



DC1DA9



648400



009346

Sweetspot

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



1070FF



B8D4FF



10FF9B



546680



000000



808080

Same Dimension

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



1070FF



0066FF



2410FF



737880



004DBF



001A40

Inverse Universe

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



FF1070



FF0066



EBFF10



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color 1070FF looks on a white background.

Color Contrast Check

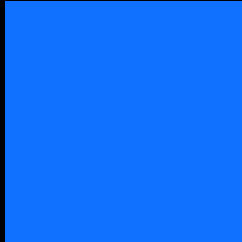
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1070FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

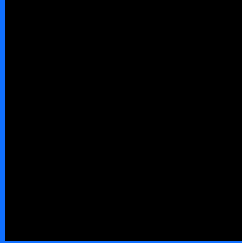
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

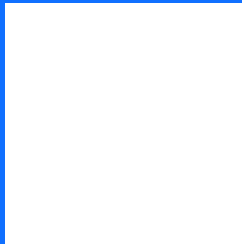
Any Text WCAG AAA × Fail

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

Hex 1070FF Background



This preview shows how black text looks on a background with the Hex color 1070FF.



This preview shows how white text looks on a background with the Hex color 1070FF.

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

1070FF

Protanopia

0073F4

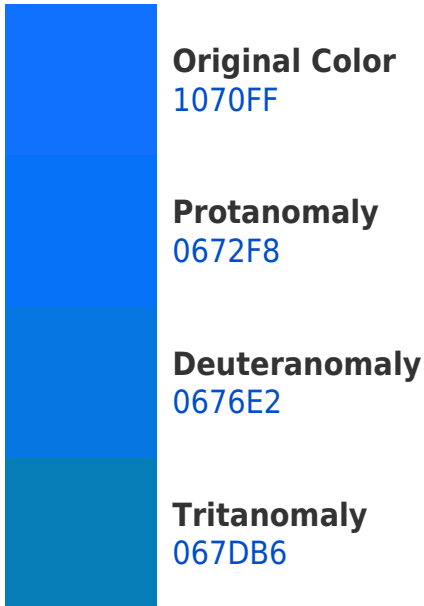
Deuteranopia

007AD2



Tritanopia
00858D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1070FF 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 #1070FF looks like.

```
.text, #text, p{  
    color:#1070FF  
}
```

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 #1070FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1070FF
}
```

Border

The CSS property to change the border of an element to Hex 1070FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

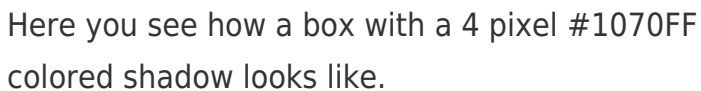
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1070FF }
```

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

```
.border{ border-color:#1070FF }
```

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



Here you see how a box with a 4 pixel #1070FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1070FF; -webkit-box-shadow:4px 4px  
4px 4px #1070FF; box-shadow:4px 4px 4px  
4px #1070FF }
```

Background

The CSS property to change the background color of an element to Hex 1070FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1070FF }
```

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

```
.background{ background-color:#1070FF }
```

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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