

Converting Colors

Hex(4060FF)

Have a look what the booklet for
Hex(4060FF) contains.

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Color

Hex(4060FF)

Conversions

Conversions Part 1

Format	Color
Hex	4060FF
RGB	64, 96, 255
RGB Percent	25%, 38%, 100%
CMY	0.7490, 0.6235, 0.0000
CMYK	0.75, 0.62, 0.00, 0.00
HSL	230°, 100%, 63%
HSV	230°, 75%, 100%
XYZ	24.3472, 16.6757, 96.5432
YIQ	104.5580, -70.1110, 42.6650

Conversions

Conversions Part 2

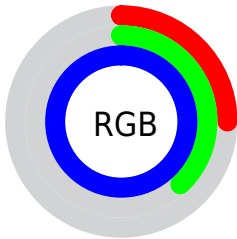
Format	Color
R _{YB}	64, 91, 255
Decimal	4219135
CIE _{Lab}	47.85, 42.34, -82.06
CIE _{LCh}	48, 92.333, 297.291
Yxy	16.6757, 0.1770, 0.1212
Android (android.graphics.Color)	4282409215 (0xFF4060FF)
YUV	104.5580, 74.1679, -35.5694
Hunter-Lab	40.8359, 34.9625, -111.5867

Details

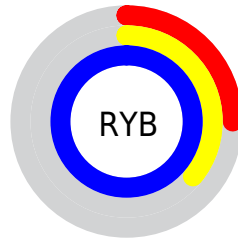
The Hex color **4060FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FFDF40**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **8992FF**, and **0032C5** is the 20% darker color. If you saturate the color by 10%, you get **264BFF**, and if you desaturate by 10%, it is **5A75FF**.

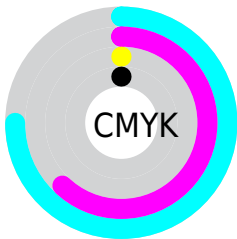
Distribution



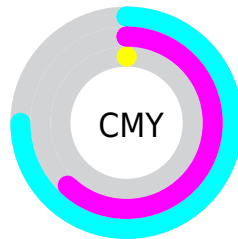
- Red (25%)
- Green (38%)
- Blue (100%)



- Red (25%)
- Yellow (36%)
- Blue (100%)



- Cyan (75%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4060FF 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 4060FF by changing the saturation by 10% instead.

 4060FF

 4060FF

FFFFFF

 0048E2

 8992FF

 0032C5

 AAADFF

 001EA9

 C9C8FF

 000E8D

 E9E4FF

 000073

 000D59

 000741

 00032A

 000114

■ 4060FF

■ 4060FF

■ 264BFF

■ 5A75FF

■ 0D36FF

■ 738AFF

■ 002BFF

■ 8DA0FF

■ A6B5FF

■ C0CAFF

■ D9DFFF

■ F3F5FF

FFFFFF

Harmonies

Analogous

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



007FFF



4060FF



C31DC7

Triad

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



4060FF



CA4500



008F68

Complementary

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



4060FF



FFDF40

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.



008B02



4060FF



916D00

Square

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



4060FF



ED0030



428100



0090B8

Rectangle

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



4060FF



E60096



428100



008E4C

Sweetspot

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



4060FF



C7D0FF



40FFDC



5E6480



000000



808080

Same Dimension

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



4060FF



1940FF



7C40FF



737580



0020BF



000B40

Inverse Universe

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



FF4060



FF1940



C3FF40



807375



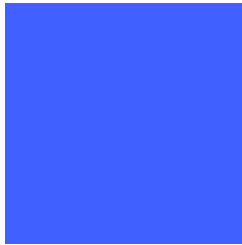
BF0020



40000B

Previews

White Background



This preview shows how the Hex color 4060FF looks on a white background.

Color Contrast Check

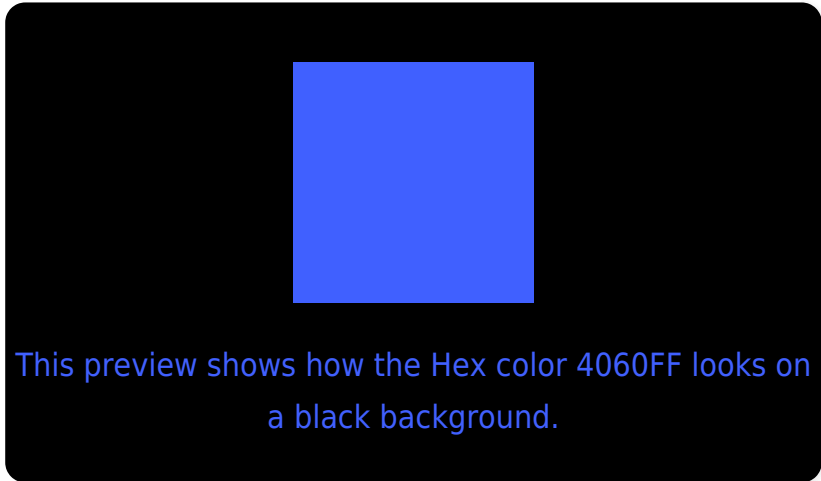
Large Text (above 18pt) WCAG AA ✓ Pass

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

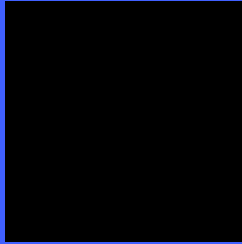
Any Text WCAG AA × Fail

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 4060FF Background



This preview shows how black text looks on a background with the Hex color 4060FF.

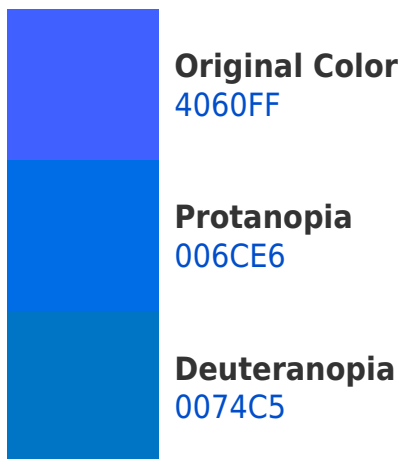


This preview shows how white text looks on a background with the Hex color 4060FF.

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](#).

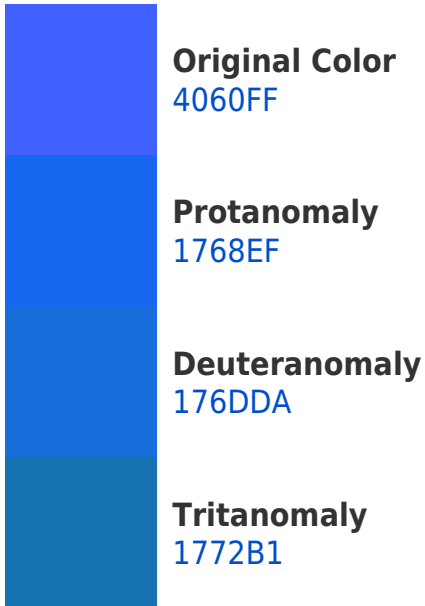
Dichromacy



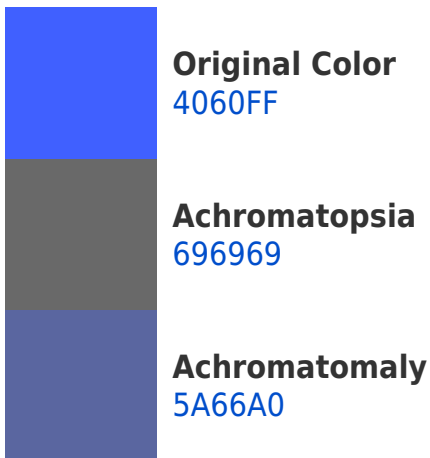


Tritanopia
007D85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4060FF 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 #4060FF looks like.

```
.text, #text, p{  
    color:#4060FF  
}
```

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 #4060FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4060FF
}
```

Border

The CSS property to change the border of an element to Hex 4060FF 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
#4060FF }
```

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

```
.border{ border-color:#4060FF }
```

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

Here you see how a box with a 4 pixel #4060FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4060FF; -webkit-box-shadow:4px 4px  
4px 4px #4060FF; box-shadow:4px 4px 4px  
4px #4060FF }
```

Background

The CSS property to change the background color of an element to Hex 4060FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4060FF }
```

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

```
.background{ background-color:#4060FF }
```

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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