

Converting Colors

Hex(6033FF)

Have a look what the booklet for
Hex(6033FF) contains.

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Color

Hex(6033FF)

Conversions

Conversions Part 1

Format	Color
Hex	6033FF
RGB	96, 51, 255
RGB Percent	38%, 20%, 100%
CMY	0.6235, 0.8000, 0.0000
CMYK	0.62, 0.80, 0.00, 0.00
HSL	253°, 100%, 60%
HSV	253°, 80%, 100%
XYZ	24.0577, 12.0744, 95.6704
YIQ	87.7110, -38.6640, 72.9840

Conversions

Conversions Part 2

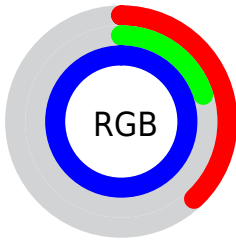
Format	Color
R_{YB}	96, 51, 255
Decimal	6304767
CIE _{Lab}	41.33, 69.15, -92.71
CIE _{LCh}	41, 115.657, 306.720
Yxy	12.0744, 0.1825, 0.0916
Android (android.graphics.Color)	4284494847 (0xFF6033FF)
YUV	87.7110, 82.4735, 7.2695
Hunter-Lab	34.7483, 62.7734, -138.9157

Details

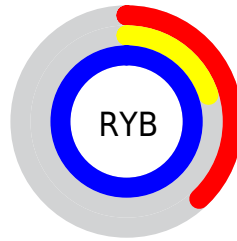
The Hex color **6033FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D2FF33**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A369FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **4C19FF**, and if you desaturate by 10%, it is **744DFF**.

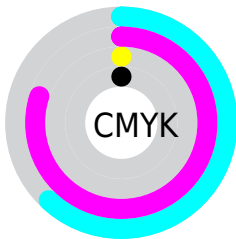
Distribution



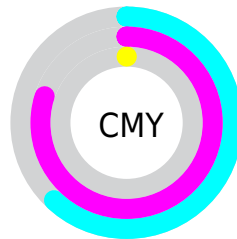
- Red (38%)
- Green (20%)
- Blue (100%)



- Red (38%)
- Yellow (20%)
- Blue (100%)



- Cyan (62%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6033FF 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 6033FF by changing the saturation by 10% instead.

 6033FF

 6033FF

FFFFFF

 3714E2

 A369FF

 0000C5

 C384FF

 0000A8

 E39FFF

 00008D

 FFBBFF

 000072

 FFD8FF

 000D58

 FFF5FF

 000740

 000329

 000113

■ 6033FF

■ 6033FF

■ 4C19FF

■ 744DFF

■ 3800FF

■ 8866FF

■ 9C80FF

■ B099FF

■ C3B3FF

■ D7CCFF

■ EBE6FF

FFFFFF

Harmonies

Analogous

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



006CFF



6033FF



D900AF

Triad

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



6033FF



B03900



008076

Complementary

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



6033FF



D2FF33

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.



007D00



6033FF



646600

Square

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



6033FF



E50000



007700



0083D4

Rectangle

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



6033FF



F50071



007700



008054

Sweetspot

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



6033FF



CFC2FF



33D3FF



635B80



000000



808080

Same Dimension

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



6033FF



400AFF



C533FF



767380



2A00BF



0E0040

Inverse Universe

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



FF33D2



FF0AC9



6DFF33



80737D



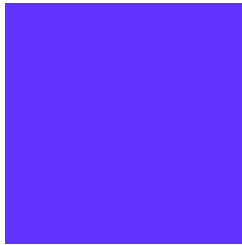
BF0095



400032

Previews

White Background



This preview shows how the Hex color 6033FF looks on a white background.

Color Contrast Check

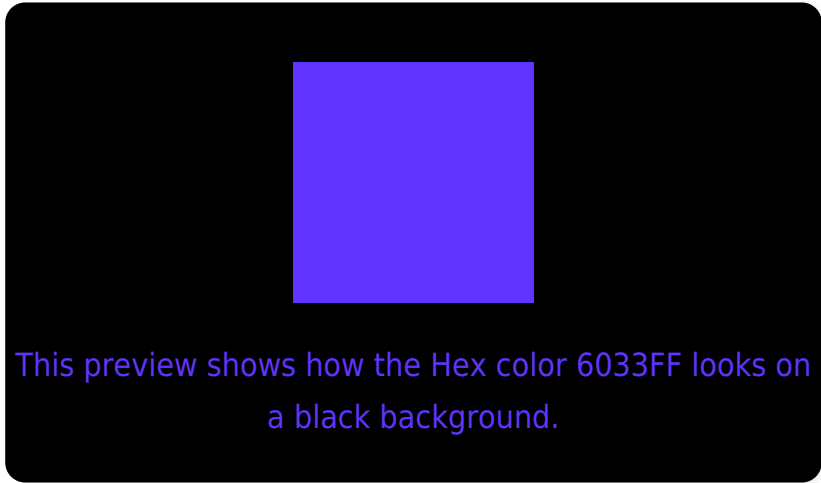
Large Text (above 18pt) WCAG AA ✓ Pass

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

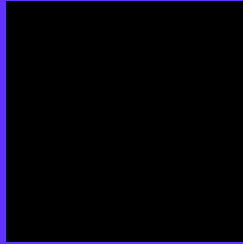
Any Text WCAG AA × Fail

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 6033FF Background



This preview shows how black text looks on a background with the Hex color 6033FF.



This preview shows how white text looks on a background with the Hex color 6033FF.

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
6033FF

Protanopia
005DC4

Deuteranopia
0064A8



Tritanopia
006B74

Trichromacy



Original Color
6033FF



Protanomaly
234ED9



Deuteranomaly
2352C8



Tritanomaly
2357A7

Monochromacy



Original Color
6033FF



Achromatopsia
585858



Achromatomaly
5B4B95

CSS Examples

Text

The CSS property to change the color of the text to Hex 6033FF 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 #6033FF looks like.

```
.text, #text, p{  
  color:#6033FF  
}
```

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 #6033FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6033FF
}
```

Border

The CSS property to change the border of an element to Hex 6033FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

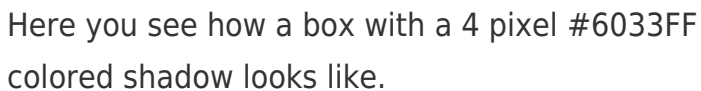
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6033FF }
```

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

```
.border{ border-color:#6033FF }
```

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



Here you see how a box with a 4 pixel #6033FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6033FF; -webkit-box-shadow:4px 4px  
4px 4px #6033FF; box-shadow:4px 4px 4px  
4px #6033FF }
```

Background

The CSS property to change the background color of an element to Hex 6033FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6033FF }
```

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

```
.background{ background-color:#6033FF }
```

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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