

Converting Colors

Hex(3D64FF)

Have a look what the booklet for
Hex(3D64FF) contains.

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Color

Hex(3D64FF)

Conversions

Conversions Part 1

Format	Color
Hex	3D64FF
RGB	61, 100, 255
RGB Percent	24%, 39%, 100%
CMY	0.7608, 0.6078, 0.0000
CMYK	0.76, 0.61, 0.00, 0.00
HSL	228°, 100%, 62%
HSV	228°, 76%, 100%
XYZ	24.5316, 17.3264, 96.6591
YIQ	106.0090, -72.9990, 39.9370

Conversions

Conversions Part 2

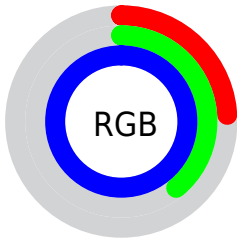
Format	Color
R _Y B	61, 93, 255
Decimal	4023551
CIE Lab	48.67, 39.60, -80.72
CIE LCh	49, 89.910, 296.133
Yxy	17.3264, 0.1771, 0.1251
Android (android.graphics.Color)	4282213631 (0xFF3D64FF)
YUV	106.0090, 73.4526, -39.4729
Hunter-Lab	41.6250, 32.3548, -108.5421

Details

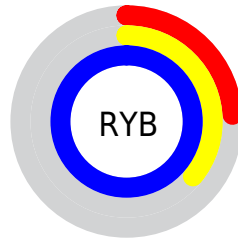
The Hex color **3D64FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FFD83D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8797FF**, and **0036C5** is the 20% darker color. If you saturate the color by 10%, you get **2350FF**, and if you desaturate by 10%, it is **5778FF**.

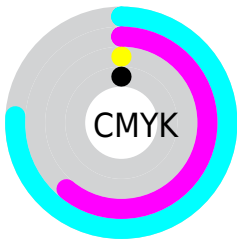
Distribution



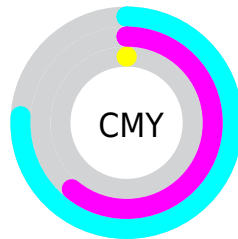
- Red (24%)
- Green (39%)
- Blue (100%)



- Red (24%)
- Yellow (36%)
- Blue (100%)



- Cyan (76%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D64FF 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 3D64FF by changing the saturation by 10% instead.

 3D64FF

 3D64FF

FFFFFF

 004CE2

 8797FF

 0036C5

 A8B1FF

 0022A9

 C7CDFF

 00118E

 E7E9FF

 000073

 000D59

 000741

 00032A

 000114

■ 3D64FF

■ 3D64FF

■ 2350FF

■ 5778FF

■ 0A3BFF

■ 708DFF

■ 0033FF

■ 8AA1FF

■ A3B5FF

■ BDCAFF

■ D6DEFF

■ F0F3FF

FFFFFF

Harmonies

Analogous

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



0082FF



3D64FF



C12BCA

Triad

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



3D64FF



CC4700



009167

Complementary

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



3D64FF



FFD83D

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.



008C05



3D64FF



966E00

Square

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



3D64FF



EE0037



4B8200



0092B5

Rectangle

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



3D64FF



E5009A



4B8200



00904C

Sweetspot

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



3D64FF



C4D0FF



3DFFD5



5C6380



000000



808080

Same Dimension

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



3D64FF



1746FF



743DFF



737580



0026BF



000D40

Inverse Universe

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



FF3D64



FF1746



C8FF3D



807375



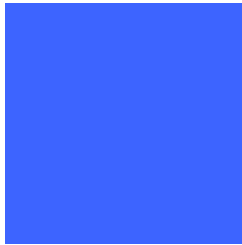
BF0026



40000D

Previews

White Background



This preview shows how the Hex color 3D64FF looks on a white background.

Color Contrast Check

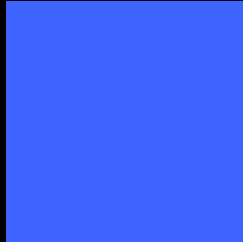
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3D64FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

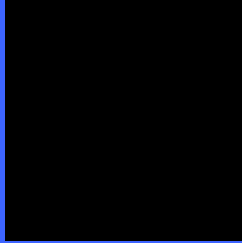
Any Text WCAG AA × Fail

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 3D64FF Background



This preview shows how black text looks on a background with the Hex color 3D64FF.



This preview shows how white text looks on a background with the Hex color 3D64FF.

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
3D64FF

Protanopia
006EEA

Deuteranopia
0076C9

Trichromacy



Original Color
3D64FF

Protanomaly
166AF2

Deuteranomaly
166FDD

Monochromacy



Original Color
3D64FF

Achromatopsia
6A6A6A

Achromatomaly
5A68A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D64FF 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 #3D64FF looks like.

```
.text, #text, p{  
    color:#3D64FF  
}
```

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 #3D64FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D64FF
}
```

Border

The CSS property to change the border of an element to Hex 3D64FF 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
#3D64FF }
```

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

```
.border{ border-color:#3D64FF }
```

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

Here you see how a box with a 4 pixel #3D64FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D64FF; -webkit-box-shadow:4px 4px  
4px 4px #3D64FF; box-shadow:4px 4px 4px  
4px #3D64FF }
```

Background

The CSS property to change the background color of an element to Hex 3D64FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D64FF }
```

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

```
.background{ background-color:#3D64FF }
```

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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