

Converting Colors

Hex(2664FF)

Have a look what the booklet for
Hex(2664FF) contains.

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Color

Hex(2664FF)

Conversions

Conversions Part 1

Format	Color
Hex	2664FF
RGB	38, 100, 255
RGB Percent	15%, 39%, 100%
CMY	0.8510, 0.6078, 0.0000
CMYK	0.85, 0.61, 0.00, 0.00
HSL	223°, 100%, 57%
HSV	223°, 85%, 100%
XYZ	23.4065, 16.7464, 96.6065
YIQ	99.1320, -86.7070, 35.0610

Conversions

Conversions Part 2

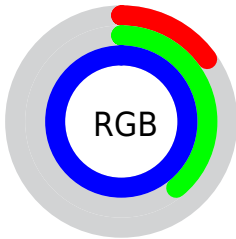
Format	Color
R _Y B	38, 86, 255
Decimal	2516223
CIE Lab	47.94, 37.80, -81.94
CIE LCh	48, 90.242, 294.766
Yxy	16.7464, 0.1712, 0.1225
Android (android.graphics.Color)	4280706303 (0xFF2664FF)
YUV	99.1320, 76.8429, -53.6128
Hunter-Lab	40.9224, 30.4830, -111.3217




Details

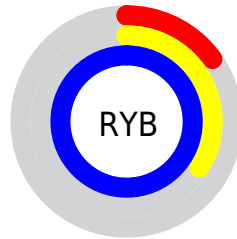
The Hex color **2664FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed azure. A complement of this color would be **FFC126**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **7B96FF**, and **0037C5** is the 20% darker color. If you saturate the color by 10%, you get **0D52FF**, and if you desaturate by 10%, it is **4076FF**.

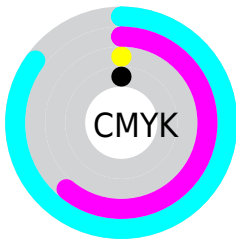
Distribution







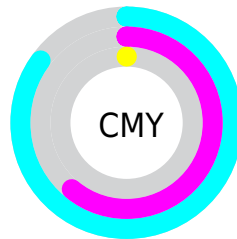
-  Red (15%)
-  Green (39%)
-  Blue (100%)






-  Red (15%)
-  Yellow (34%)
-  Blue (100%)



-  Cyan (85%)
-  Magenta (61%)
-  Yellow (0%)
-  Black (0%)



-  Cyan (85%)
-  Magenta (61%)
-  Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2664FF 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 2664FF by changing the saturation by 10% instead.

 2664FF

 2664FF

FFFFFF

 004DE2

 7B96FF

 0037C5

 9DB1FF

 0023A9

 BDCCFF

 00138E

 DDE8FF

 000073

FDFFFF

 000D59

 000741

 00032A

 000114

■ 2664FF

■ 2664FF

■ 0D52FF

■ 4076FF

■ 0049FF

■ 5988FF

■ 739BFF

■ 8CADFF

■ A6BFFF

■ BFD1FF

■ D9E4FF

■ F2F6FF

FFFFFF

Harmonies

Analogous

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



0081FF



2664FF



BC2BCB

Triad

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



2664FF



CC4200



008F62

Complementary

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



2664FF



FFC126

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.



008A00



2664FF



966B00

Square

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



2664FF



ED0038



4D8000



0090B0

Rectangle

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



2664FF



E1009C



4D8000



008D46

Sweetspot

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



2664FF



BDD0FF



26FFBE



586380



000000



808080

Same Dimension

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



2664FF



0049FF



5126FF



737680



0037BF



001240

Inverse Universe

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



FF2664



FF0049



D4FF26



807376



BF0037



400012

Previews

White Background



This preview shows how the Hex color 2664FF looks on a white background.

Color Contrast Check

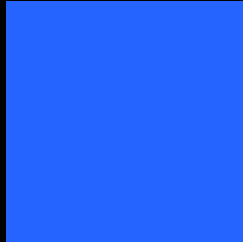
Large Text (above 18pt) WCAG AA ✓ Pass

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 2664FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

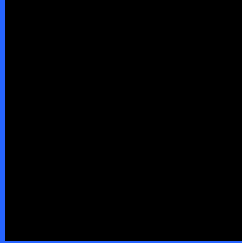
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

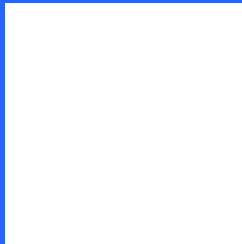
Any Text WCAG AAA × Fail

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

Hex 2664FF Background



This preview shows how black text looks on a background with the Hex color 2664FF.

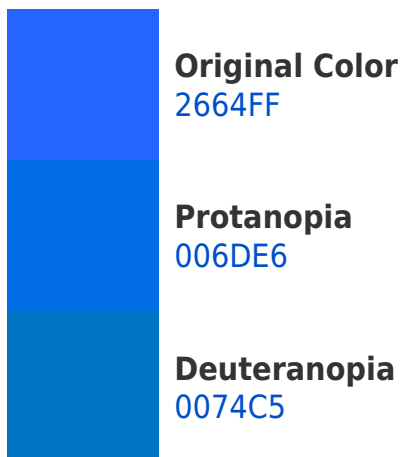


This preview shows how white text looks on a background with the Hex color 2664FF.

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



Original Color
2664FF

Protanomaly
0E6AEF

Deuteranomaly
0E6EDA

Tritanomaly
0E74B1

Monochromacy



Original Color
2664FF

Achromatopsia
636363

Achromatomaly
4D639C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2664FF 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 #2664FF looks like.

```
.text, #text, p{  
    color:#2664FF  
}
```

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 #2664FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2664FF
}
```

Border

The CSS property to change the border of an element to Hex 2664FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

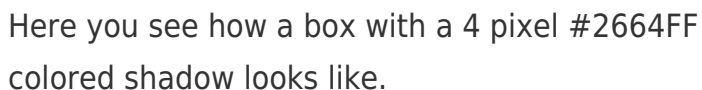
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2664FF }
```

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

```
.border{ border-color:#2664FF }
```

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



Here you see how a box with a 4 pixel #2664FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2664FF; -webkit-box-shadow:4px 4px  
4px 4px #2664FF; box-shadow:4px 4px 4px  
4px #2664FF }
```

Background

The CSS property to change the background color of an element to Hex 2664FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2664FF }
```

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

```
.background{ background-color:#2664FF }
```

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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