

Converting Colors

Hex(267DFF)

Have a look what the booklet for
Hex(267DFF) contains.

Hex(267DFF)	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(267DFF)

Conversions

Conversions Part 1

Format	Color
Hex	267DFF
RGB	38, 125, 255
RGB Percent	15%, 49%, 100%
CMY	0.8510, 0.5098, 0.0000
CMYK	0.85, 0.51, 0.00, 0.00
HSL	216°, 100%, 57%
HSV	216°, 85%, 100%
XYZ	26.1829, 22.2993, 97.5319
YIQ	113.8070, -93.5820, 21.9860

Conversions

Conversions Part 2

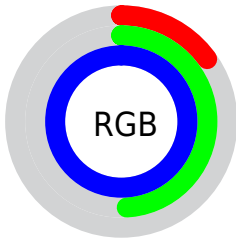
Format	Color
R _Y B	38, 100, 255
Decimal	2522623
CIE Lab	54.34, 22.13, -71.51
CIE LCh	54, 74.858, 287.196
Yxy	22.2993, 0.1793, 0.1527
Android (android.graphics.Color)	4280712703 (0xFF267DFF)
YUV	113.8070, 69.6081, -66.4827
Hunter-Lab	47.2221, 16.3330, -89.4013

Details

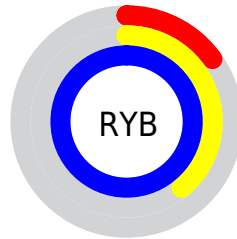
The Hex color **267DFF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **FFA826**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7AB1FF**, and **004DC5** is the 20% darker color. If you saturate the color by 10%, you get **0D6EFF**, and if you desaturate by 10%, it is **408CFF**.

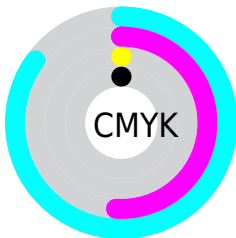
Distribution



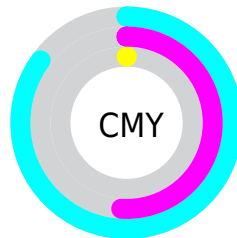
- Red (15%)
- Green (49%)
- Blue (100%)



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



- Cyan (85%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 267DFF 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 267DFF by changing the saturation by 10% instead.

 267DFF

 267DFF

FFFFFF

 0065E2

 7AB1FF

 004DC5

 9BCCFF

 0038A9

 BBE8FF

 00248E

 DBFFFF

 001274

 FBFFFF

 000D5A

 000742

 00032B

 000115

■ 267DFF

■ 267DFF

■ 0D6EFF

■ 408CFF

■ 0066FF

■ 599CFF

■ 73ABFF

■ 8CBAFF

■ A6C9FF

■ BFD9FF

■ D9E8FF

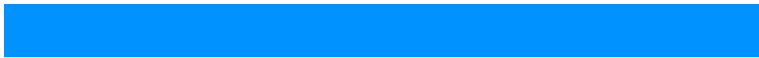
■ F2F7FF

FFFFFF

Harmonies

Analogous

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



0092FF



267DFF



B25DDB

Triad

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



267DFF



DE5621



009D63

Complementary

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



267DFF



FFA826

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.



1B971B



267DFF



B47500

Square

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



267DFF



F23560



7A8A00



009EA7

Rectangle

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



267DFE



D944B5



7A8A00



009B4C

Sweetspot

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



267DFF



BDD7FF



26FFA5



586880



000000



808080

Same Dimension

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



267DFF



0066FF



3826FF



737880



004DBF



001A40

Inverse Universe

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



FF267D



FF0066



EDFF26



807378



BF004D



40001A

Previews

White Background



This preview shows how the Hex color 267DFF looks on a white background.

Color Contrast Check

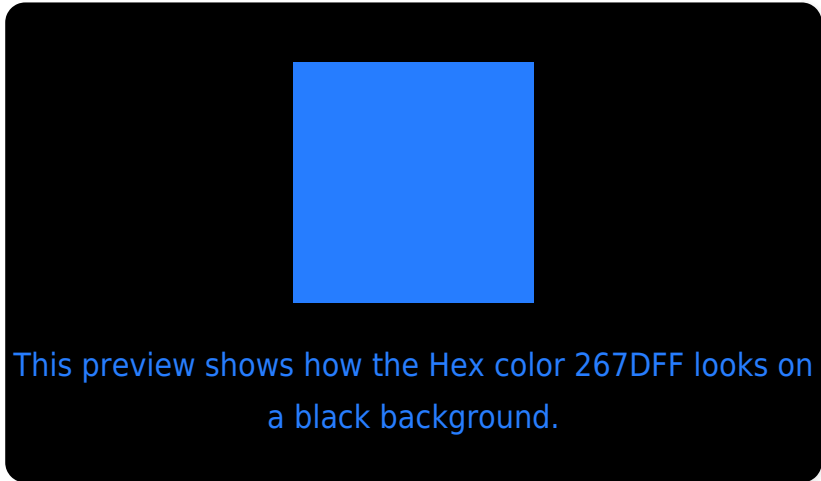
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

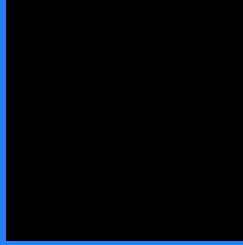
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

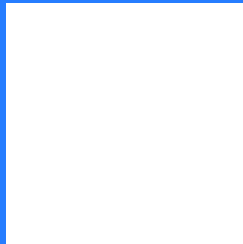
Any Text WCAG AAA × Fail

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

Hex 267DFF Background



This preview shows how black text looks on a background with the Hex color 267DFF.



This preview shows how white text looks on a background with the Hex color 267DFF.

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](#).

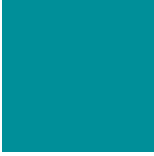
Dichromacy



Original Color
267DFF

Protanopia
2E7CFE

Deuteranopia
0084E5

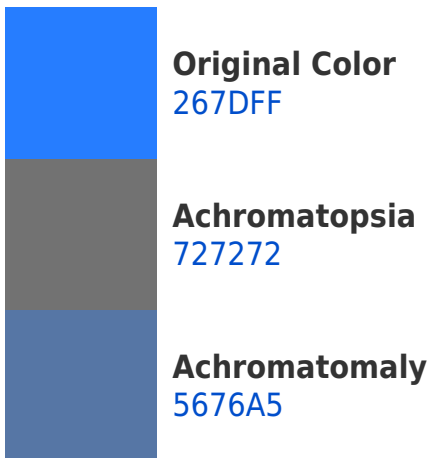


Tritanopia
008F99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 267DFF 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 #267DFF looks like.

```
.text, #text, p{  
    color:#267DFF  
}
```

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 #267DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267DFF
}
```

Border

The CSS property to change the border of an element to Hex 267DFF 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
#267DFF }
```

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

```
.border{ border-color:#267DFF }
```

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

Here you see how a box with a 4 pixel #267DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267DFF; -webkit-box-shadow:4px 4px  
4px 4px #267DFF; box-shadow:4px 4px 4px  
4px #267DFF }
```

Background

The CSS property to change the background color of an element to Hex 267DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267DFF }
```

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

```
.background{ background-color:#267DFF }
```

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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