

Converting Colors

Hex(317DFC)

Have a look what the booklet for
Hex(317DFC) contains.

Hex(317DFC)	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(317DFC)

Conversions

Conversions Part 1

Format	Color
Hex	317DFC
RGB	49, 125, 252
RGB Percent	19%, 49%, 99%
CMY	0.8078, 0.5098, 0.0118
CMYK	0.81, 0.50, 0.00, 0.01
HSL	218°, 97%, 59%
HSV	218°, 81%, 99%
XYZ	26.1709, 22.3485, 95.0298
YIQ	116.7540, -86.0630, 23.3850

Conversions

Conversions Part 2

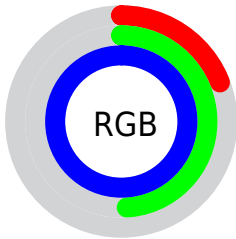
Format	Color
R_{YB}	49, 104, 252
Decimal	3243516
CIE _{Lab}	54.39, 21.86, -69.76
CIE _{LCh}	54, 73.105, 287.398
Yxy	22.3485, 0.1823, 0.1557
Android (android.graphics.Color)	4281433596 (0xFF317DFC)
YUV	116.7540, 66.6763, -59.4203
Hunter-Lab	47.2742, 16.0876, -86.0919

Details

The Hex color **317DFC** 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 **FCB031**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7EB1FF**, and **004DC2** is the 20% darker color. If you saturate the color by 10%, you get **186DFC**, and if you desaturate by 10%, it is **4A8DFC**.

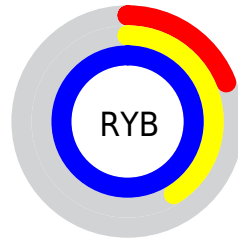
Distribution



Red (19%)

Green (49%)

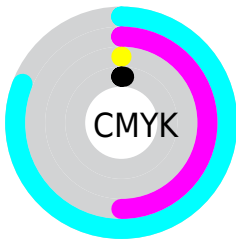
Blue (99%)



Red (19%)

Yellow (41%)

Blue (99%)

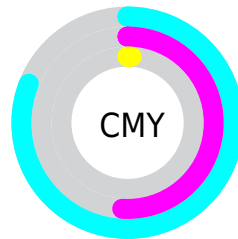


Cyan (81%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (81%)

Magenta (51%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 317DFC 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 317DFC by changing the saturation by 10% instead.

 317DFC

 317DFC

FFFFFF

 0065DF

 7EB1FF

 004DC2

 9FCCFF

 0038A7

 BFE8FF

 00248B

 DEFFFF

 001271

FEFFFF

 000C58

 00073F

 000328

 000112

■ 317DFC

■ 317DFC

■ 186DFC

■ 4A8DFC

■ 005EFC

■ 639DFC

■ 7DACFC

■ 96BCFC

■ AFCCFC

■ C8DCFC

■ E1EBFC

■ FBFBFC

FFFFFC

Harmonies

Analogous

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



0091FE



317DFC



B15ED9

Triad

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



317DFC



DC5824



009C64

Complementary

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



317DFC



FCB031

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.



209620



317DFC



B37600

Square

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



317DFC



F03A60



7B8A00



009EA6

Rectangle

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



317DFC



D846B4



7B8A00



009B4E

Sweetspot

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



317DFC



C2D9FF



31FCAE



5B6880



000000



808080

Same Dimension

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



317DFC



0864FF



4931FC



70757D



0047BD



00173D

Inverse Universe

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



FC317D



FF0864



E4FC31



7D7075



BD0047



3D0017

Previews

White Background



This preview shows how the Hex color 317DFC looks on a white background.

Color Contrast Check

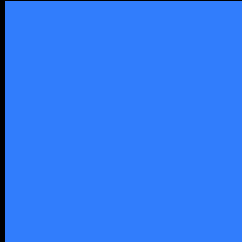
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 317DFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

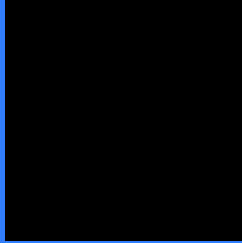
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

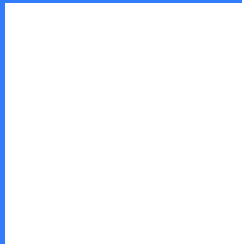
Any Text WCAG AAA × Fail

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

Hex 317DFC Background



This preview shows how black text looks on a background with the Hex color 317DFC.



This preview shows how white text looks on a background with the Hex color 317DFC.

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



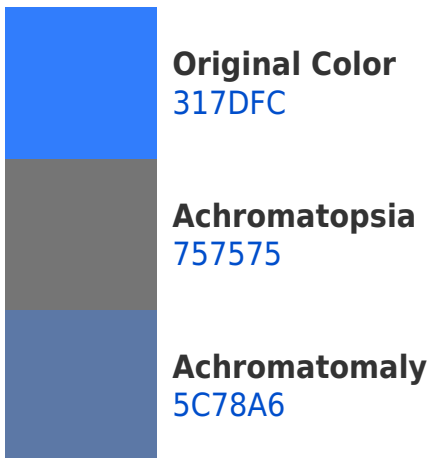


Tritanopia
008F99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 317DFC 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 #317DFC looks like.

```
.text, #text, p{  
    color:#317DFC  
}
```

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 #317DFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317DFC  
}
```

Border

The CSS property to change the border of an element to Hex 317DFC 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  
#317DFC }
```

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

```
.border{ border-color:#317DFC }
```

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

Here you see how a box with a 4 pixel #317DFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317DFC; -webkit-box-shadow:4px 4px  
4px 4px #317DFC; box-shadow:4px 4px 4px  
4px #317DFC }
```

Background

The CSS property to change the background color of an element to Hex 317DFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317DFC }
```

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

```
.background{ background-color:#317DFC }
```

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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