

# Converting Colors

Hex(306DF2)

Have a look what the booklet for  
Hex(306DF2) contains.

<b>Hex(306DF2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

Hex(306DF2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	306DF2
RGB	48, 109, 242
RGB Percent	19%, 43%, 95%
CMY	0.8118, 0.5725, 0.0510
CMYK	0.80, 0.55, 0.00, 0.05
HSL	221°, 88%, 57%
HSV	221°, 80%, 95%
XYZ	22.7146, 17.9765, 86.2770
YIQ	105.9230, -79.0490, 28.4310

# Conversions

## Conversions Part 2

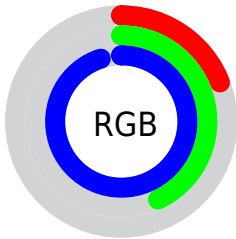
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	48, 94, 242
Decimal	3173874
CIE Lab	49.47, 28.10, -72.20
CIE LCh	49, 77.471, 291.264
Yxy	17.9765, 0.1789, 0.1416
Android (android.graphics.Color)	4281363954 (0xFF306DF2)
YUV	105.9230, 67.0860, -50.7985
Hunter-Lab	42.3987, 21.4316, -90.9701

# Details

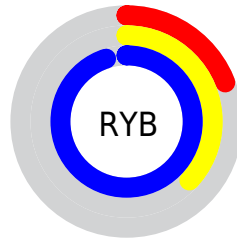
The Hex color **306DF2** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **F2B530**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7CA0FF**, and **003FB9** is the 20% darker color. If you saturate the color by 10%, you get **185CF2**, and if you desaturate by 10%, it is **487EF2**.

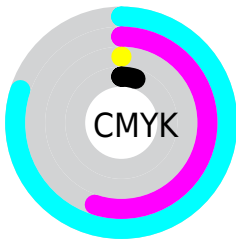
# Distribution



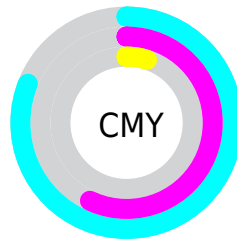
- Red (19%)
- Green (43%)
- Blue (95%)



- Red (19%)
- Yellow (37%)
- Blue (95%)



- Cyan (80%)
- Magenta (55%)
- Yellow (0%)
- Black (5%)



- Cyan (81%)
- Magenta (57%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 306DF2 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 306DF2 by changing the saturation by 10% instead.



 306DF2

 306DF2

FFFFFF

 0055D5

 7CA0FF

 003FB9

 9DBBFF

 002A9D

 BCD6FF

 001882

 DBF2FF

 000068

 FBFFFF

 000A4F

 000537

 000221

 000006

■ 306DF2

■ 306DF2

■ 185CF2

■ 487EF2

■ 004CF2

■ 608EF2

■ 799FF2

■ 91AFF2

■ A9C0F2

■ C1D1F2

■ D9E1F2

■ F2F2F2

■ FFFFF2

# Harmonies

## Analogous

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



0084F9



306DF2



AF48C9

# Triad

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



306DF2



CC4C00



009060

# Complementary

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



306DF2



F2B530

# 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.



008B13



306DF2



9F6C00

# Square

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



306DF2



E41E4B



628000



0091A4

# Rectangle

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



306DF2



D328A1



628000



008F48



# Sweetspot

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



306DF2



C2D5FF



30F2B5



5B6680



000000



808080



# Same Dimension

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



306DF2



0A57FF



5430F2



6C7078



003AB8



001238



# Inverse Universe

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



F2306D



FF0A57



CEF230



786C70



B8003A



380012



# Previews

## White Background



This preview shows how the Hex color 306DF2 looks on a white background.

## Color Contrast Check

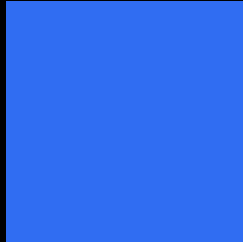
Large Text (above 18pt) WCAG AA ✓ Pass

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 306DF2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

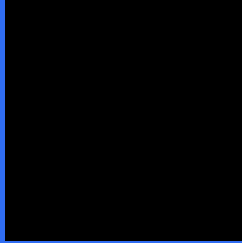
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 306DF2 Background



This preview shows how black text looks on a background with the Hex color 306DF2.



This preview shows how white text looks on a background with the Hex color 306DF2.

# 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



# Trichromacy



**Original Color**  
306DF2

**Protanomaly**  
116FF0

**Tritanomaly**  
117AB0

# Monochromacy



**Original Color**  
306DF2

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
556B9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 306DF2 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 #306DF2 looks like.

```
.text, #text, p{  
    color:#306DF2  
}
```

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 #306DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306DF2
}
```

## Border

The CSS property to change the border of an element to Hex 306DF2 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
#306DF2 }
```

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

```
.border{ border-color:#306DF2 }
```

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

Here you see how a box with a 4 pixel #306DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306DF2; -webkit-box-shadow:4px 4px  
4px 4px #306DF2; box-shadow:4px 4px 4px  
4px #306DF2 }
```

# Background

The CSS property to change the background color of an element to Hex 306DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306DF2 }
```

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

```
.background{ background-color:#306DF2 }
```

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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