

# Converting Colors

Hex(3B26F2)

Have a look what the booklet for  
Hex(3B26F2) contains.

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# Color

Hex(3B26F2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B26F2
RGB	59, 38, 242
RGB Percent	23%, 15%, 95%
CMY	0.7686, 0.8510, 0.0510
CMYK	0.76, 0.84, 0.00, 0.05
HSL	246°, 89%, 55%
HSV	246°, 84%, 95%
XYZ	18.5238, 8.7268, 84.7125
YIQ	67.5350, -52.9680, 67.8960

# Conversions

## Conversions Part 2

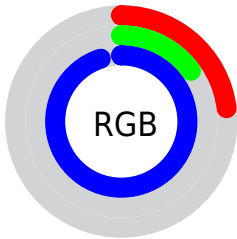
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	59, 38, 242
Decimal	3876594
CIE Lab	35.45, 68.11, -95.23
CIE LCh	35, 117.084, 305.572
Yxy	8.7268, 0.1654, 0.0779
Android (android.graphics.Color)	4282066674 (0xFF3B26F2)
YUV	67.5350, 86.0112, -7.4852
Hunter-Lab	29.5412, 60.2309, -149.3414

# Details

The Hex color **3B26F2** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **DDF226**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **885BFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **250EF2**, and if you desaturate by 10%, it is **513EF2**.

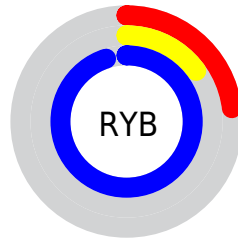
# Distribution



 Red (23%)

 Green (15%)

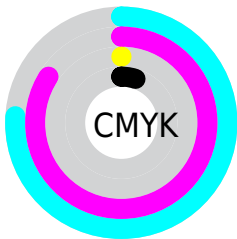
 Blue (95%)



 Red (23%)

 Yellow (15%)

 Blue (95%)

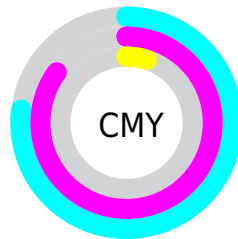


 Cyan (76%)

 Magenta (84%)

 Yellow (0%)

 Black (5%)



 Cyan (77%)

 Magenta (85%)

 Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B26F2 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 3B26F2 by changing the saturation by 10% instead.



 3B26F2

 3B26F2

FFFFFF

 0003D5

 885BFF

 0000B8

 A976FF

 00009C

 C991FF

 000081

 E9ACFF

 000D67

 FFC9FF

 000A4D

 FFE5FF

 000536

 00021F

 000003

 3B26F2

 3B26F2

 250EF2

 513EF2

 1900F2

 6656F2

 7C6FF2

 9287F2

 A89FF2

 BDB7F2

 D3CFF2

 E9E8F2

 FEFFF2

# Harmonies

## Analogous

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



0061FF



3B26F2



C600A3

# Triad

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



3B26F2



A02500



007064

# Complementary

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



3B26F2



DDF226

# 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.



006D00



3B26F2



575700

# Square

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



3B26F2



D30000



006700



0073C2

# Rectangle

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



3B26F2



E20066



006700



006F43



# Sweetspot

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



3B26F2



C6BFFF



26DEF2



5D5980



000000



808080



# Same Dimension

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



3B26F2



1A00FF



A026F2



6D6C78



1300B8



060038



# Inverse Universe

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



F226DD



FF00E5



78F226



786C77



B800A5

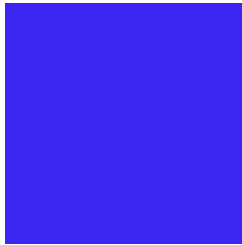


380032



# Previews

## White Background



This preview shows how the Hex color 3B26F2 looks on a white background.

## Color Contrast Check

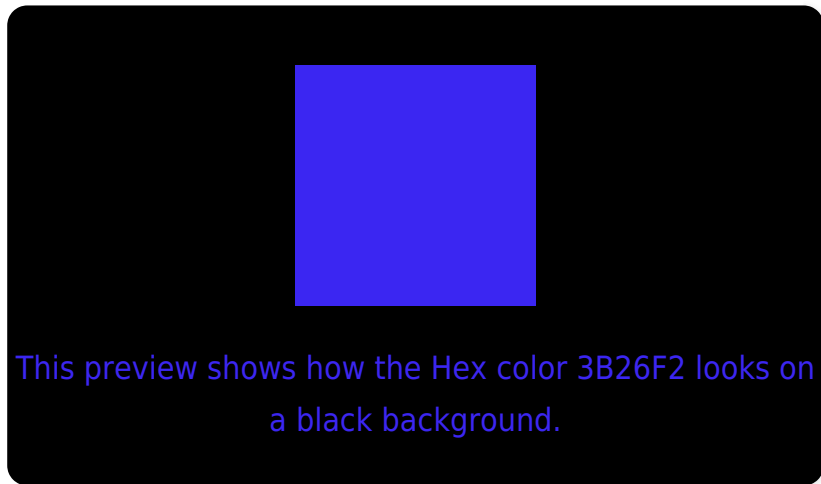
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

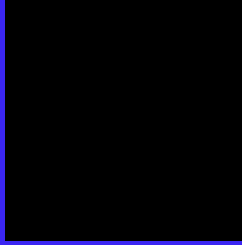
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B26F2 Background



This preview shows how black text looks on a background with the Hex color 3B26F2.



This preview shows how white text looks on a background with the Hex color 3B26F2.

# 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**  
005C61

# Trichromacy



**Original Color**  
3B26F2

**Protanomaly**  
1541C3

**Deuteranomaly**  
1544B2

**Tritanomaly**  
154896

# Monochromacy



**Original Color**  
3B26F2

**Achromatopsia**  
444444

**Achromatomaly**  
413983

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B26F2 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 #3B26F2 looks like.

```
.text, #text, p{  
    color:#3B26F2  
}
```

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 #3B26F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B26F2
}
```

## Border

The CSS property to change the border of an element to Hex 3B26F2 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
#3B26F2 }
```

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

```
.border{ border-color:#3B26F2 }
```

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

Here you see how a box with a 4 pixel #3B26F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B26F2; -webkit-box-shadow:4px 4px  
4px 4px #3B26F2; box-shadow:4px 4px 4px  
4px #3B26F2 }
```

# Background

The CSS property to change the background color of an element to Hex 3B26F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B26F2 }
```

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

```
.background{ background-color:#3B26F2 }
```

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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