

# Converting Colors

Hex(3135FF)

Have a look what the booklet for  
Hex(3135FF) contains.

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# Color

Hex(3135FF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3135FF
RGB	49, 53, 255
RGB Percent	19%, 21%, 100%
CMY	0.8078, 0.7922, 0.0000
CMYK	0.81, 0.79, 0.00, 0.00
HSL	239°, 100%, 60%
HSV	239°, 81%, 100%
XYZ	20.5897, 10.4192, 95.5336
YIQ	74.8320, -67.2260, 61.9740

# Conversions

## Conversions Part 2

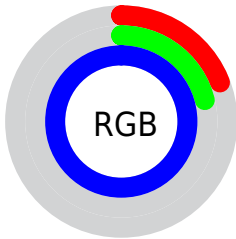
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	49, 53, 255
Decimal	3225087
CIE Lab	38.58, 65.01, -97.36
CIE LCh	39, 117.068, 303.734
Yxy	10.4192, 0.1627, 0.0823
Android (android.graphics.Color)	4281415167 (0xFF3135FF)
YUV	74.8320, 88.8228, -22.6547
Hunter-Lab	32.2787, 57.3724, -152.8823

# Details

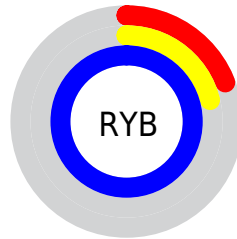
The Hex color **3135FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFB31**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8468FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **181CFF**, and if you desaturate by 10%, it is **4B4EFF**.

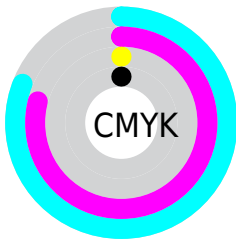
# Distribution



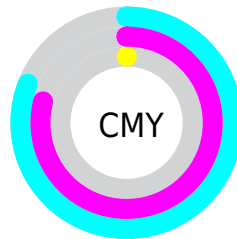
- Red (19%)
- Green (21%)
- Blue (100%)



- Red (19%)
- Yellow (21%)
- Blue (100%)



- Cyan (81%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (79%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3135FF 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 3135FF by changing the saturation by 10% instead.



 3135FF

 3135FF

FFFFFF

 001BE1

 8468FF

 0000C5

 A682FF

 0000A8

 C79DFF

 00008D

 E7B9FF

 000972

 FFD5FF


 000D58

 FFF2FF

 000740

 000329

 000113

 3135FF

 3135FF

 181CFF

 4B4EFF

 0005FF

 6467FF

 7E80FF

 9799FF

 B1B2FF

 CACBFF

 E4E4FF

 FDFDFF

FFFFFF

# Harmonies

## Analogous

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



006AFF



3135FF



CB00B1

# Triad

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



3135FF



AE2800



007865

# Complementary

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



3135FF



FFB31

# 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.



007600



3135FF



655D00

# Square

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



3135FF



E00000



006F00



007BC5

# Rectangle

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



3135FF



EB0073



006F00



007743



# Sweetspot

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



3135FF



C2C3FF



31FFF8



5B5B80



000000



808080



# Same Dimension

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



3135FF



080CFF



9131FF



737380



0004BF



000140



# Inverse Universe

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



FF3135



FF080C



9FFF31



807373



BF0004

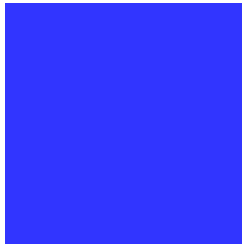


400001



# Previews

## White Background



This preview shows how the Hex color 3135FF looks on a white background.

## Color Contrast Check

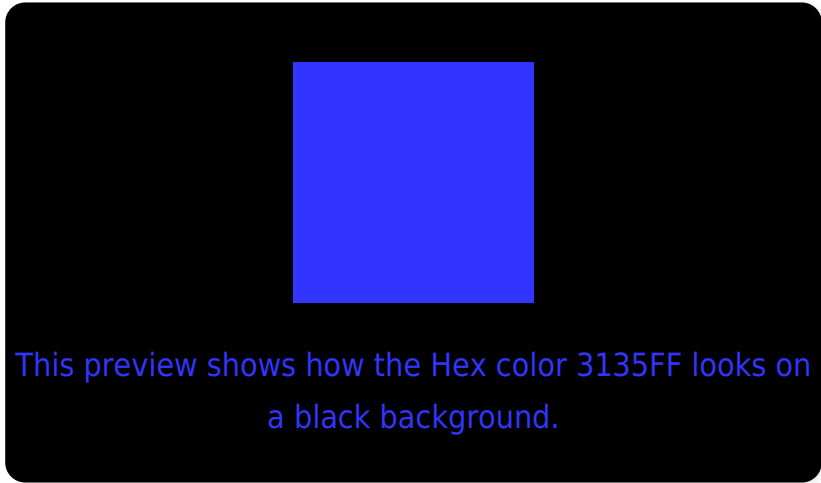
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

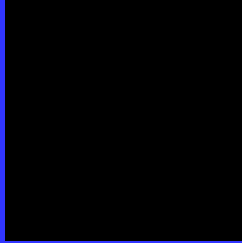
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3135FF Background



This preview shows how black text looks on a background with the Hex color 3135FF.

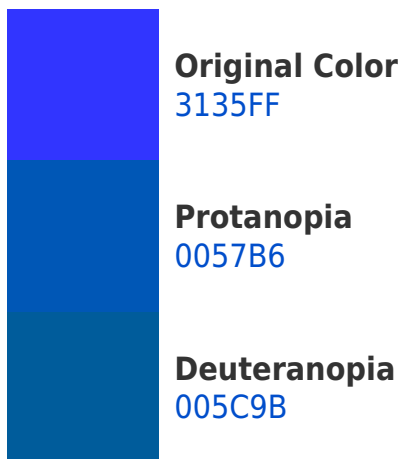


This preview shows how white text looks on a background with the Hex color 3135FF.

# Color Blindness Simulation

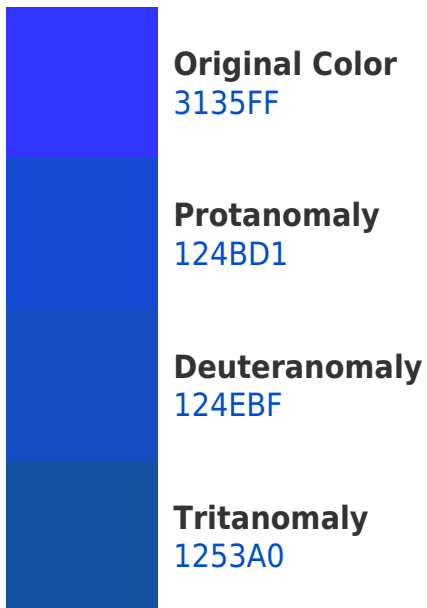
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3135FF 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 #3135FF looks like.

```
.text, #text, p{  
    color:#3135FF  
}
```

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 #3135FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3135FF
}
```

## Border

The CSS property to change the border of an element to Hex 3135FF 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
#3135FF }
```

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

```
.border{ border-color:#3135FF }
```

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

Here you see how a box with a 4 pixel #3135FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3135FF; -webkit-box-shadow:4px 4px  
4px 4px #3135FF; box-shadow:4px 4px 4px  
4px #3135FF }
```

# Background

The CSS property to change the background color of an element to Hex 3135FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3135FF }
```

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

```
.background{ background-color:#3135FF }
```

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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