

# Converting Colors

Hex(263FFE)

Have a look what the booklet for  
Hex(263FFE) contains.

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# Color

**Hex(263FFE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	263FFE
RGB	38, 63, 254
RGB Percent	15%, 25%, 100%
CMY	0.8510, 0.7529, 0.0039
CMYK	0.85, 0.75, 0.00, 0.00
HSL	233°, 99%, 57%
HSV	233°, 85%, 100%
XYZ	20.4662, 11.1228, 94.8342
YIQ	77.2990, -76.2110, 54.1010

# Conversions

## Conversions Part 2

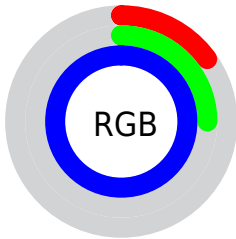
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 60, 254
Decimal	2506750
CIE <sub>Lab</sub>	39.79, 59.23, -94.82
CIE <sub>LCh</sub>	40, 111.795, 301.992
Yxy	11.1228, 0.1619, 0.0880
Android (android.graphics.Color)	4280696830 (0xFF263FFE)
YUV	77.2990, 87.1136, -34.4652
Hunter-Lab	33.3509, 51.1747, -145.2469

# Details

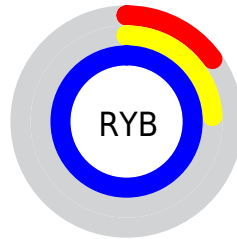
The Hex color **263FFE** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FEE526**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7E71FF**, and **0010C4** is the 20% darker color. If you saturate the color by 10%, you get **0D29FE**, and if you desaturate by 10%, it is **3F55FE**.

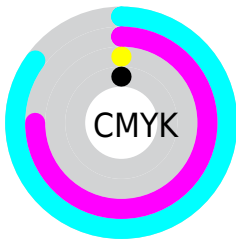
# Distribution



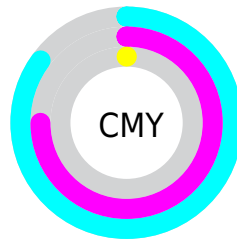
- Red (15%)
- Green (25%)
- Blue (100%)



- Red (15%)
- Yellow (24%)
- Blue (100%)



- Cyan (85%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (75%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 263FFE 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 263FFE by changing the saturation by 10% instead.



 263FFE

 263FFE

FFFFFF

 0027E1

 7E71FF

 0010C4

 A08BFF

 0000A7

 C1A6FF

 00008C

 E2C1FF

 000A71

 FFDEFF

 000C58

 FFFAFF

 00063F

 000328

 000112

■ 263FFE

■ 263FFE

■ 0D29FE

■ 3F55FE

■ 001DFE

■ 596CFE

■ 7282FE

■ 8C99FE

■ A5AFFE

■ BEC6FE

■ D8DCFE

■ F1F3FE

FFFFFE

# Harmonies

## Analogous

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



006DFF



263FFE



C600B6

# Triad

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



263FFE



B32A00



007B62

# Complementary

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



263FFE



FEE526

# 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.



007800



263FFE



6E5E00

# Square

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



263FFE



E10001



007100



007EBF

# Rectangle

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



263FFE



E7007B



007100



007A41



# Sweetspot

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



263FFE



BDC4FF



26FEE5



585D80



000000



808080



# Same Dimension

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



263FFE



001EFF



7926FE



737480



0016BF



000740



# Inverse Universe

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



FE263F



FF001E



ABFE26



807374



BF0016

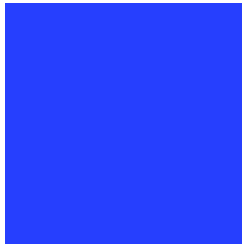


400007



# Previews

## White Background



This preview shows how the Hex color 263FFE looks on a white background.

## Color Contrast Check

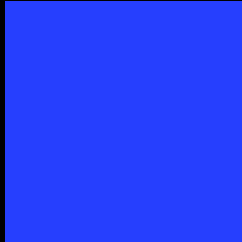
Large Text (above 18pt) WCAG AA ✓ Pass

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 263FFE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

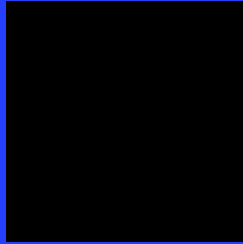
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 263FFE Background



This preview shows how black text looks on a background with the Hex color 263FFE.

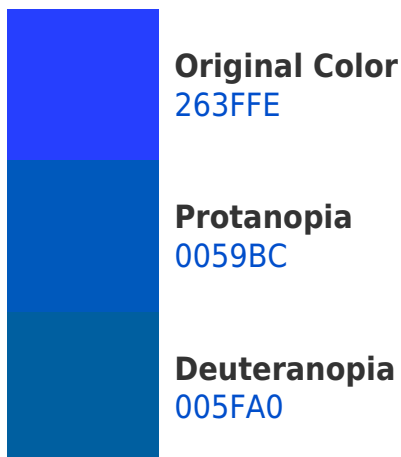


This preview shows how white text looks on a background with the Hex color 263FFE.

# 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**  
00676C

# Trichromacy



**Original Color**  
263FFE

**Protanomaly**  
0E50D4

**Deuteranomaly**  
0E53C2

**Tritanomaly**  
0E58A1

# Monochromacy



**Original Color**  
263FFE

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
3F488D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 263FFE 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 #263FFE looks like.

```
.text, #text, p{  
    color:#263FFE  
}
```

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 #263FFE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263FFE
}
```

## Border

The CSS property to change the border of an element to Hex 263FFE is called "border". The border property can be set on classes, ids or directly on the HTML element.

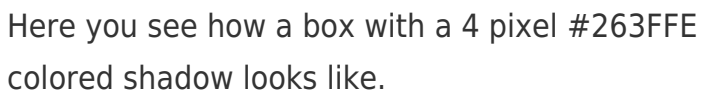
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#263FFE }
```

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

```
.border{ border-color:#263FFE }
```

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



Here you see how a box with a 4 pixel #263FFE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263FFE; -webkit-box-shadow:4px 4px  
4px 4px #263FFE; box-shadow:4px 4px 4px  
4px #263FFE }
```

# Background

The CSS property to change the background color of an element to Hex 263FFE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263FFE }
```

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

```
.background{ background-color:#263FFE }
```

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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