

Converting Colors

Hex(351FF6)

Have a look what the booklet for
Hex(351FF6) contains.

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Color

Hex(351FF6)

Conversions

Conversions Part 1

Format	Color
Hex	351FF6
RGB	53, 31, 246
RGB Percent	21%, 12%, 96%
CMY	0.7922, 0.8784, 0.0353
CMYK	0.78, 0.87, 0.00, 0.04
HSL	246°, 92%, 54%
HSV	246°, 87%, 96%
XYZ	18.5927, 8.3907, 87.8284
YIQ	62.0880, -55.9030, 71.5290

Conversions

Conversions Part 2

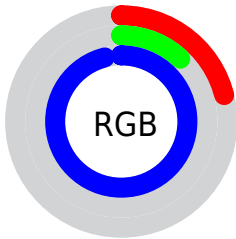
Format	Color
R_{YB}	53, 31, 246
Decimal	3481590
CIE _{Lab}	34.78, 71.35, -98.62
CIE _{LCh}	35, 121.724, 305.888
Yxy	8.3907, 0.1619, 0.0731
Android (android.graphics.Color)	4281671670 (0xFF351FF6)
YUV	62.0880, 90.6686, -7.9702
Hunter-Lab	28.9667, 63.8815, -159.4936

Details

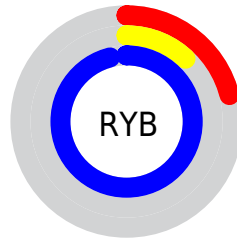
The Hex color **351FF6** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E0F61F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8556FF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **1F06F6**, and if you desaturate by 10%, it is **4B38F6**.

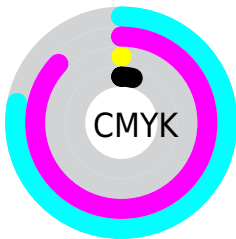
Distribution



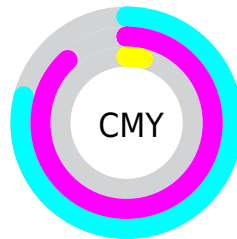
- Red (21%)
- Green (12%)
- Blue (96%)



- Red (21%)
- Yellow (12%)
- Blue (96%)



- Cyan (78%)
- Magenta (87%)
- Yellow (0%)
- Black (4%)



- Cyan (79%)
- Magenta (88%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 351FF6 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 351FF6 by changing the saturation by 10% instead.

■ 351FF6

■ 351FF6

FFFFFF

■ 0000D9

■ 8556FF

■ 0000BC

■ A771FF

■ 0000A0

■ C88CFF

■ 000084

■ E8A8FF

■ 000E6A

■ FFC4FF

■ 000B51

■ FFE1FF

■ 000539

FFFEFF

■ 000222

■ 000008


 351FF6

 351FF6

 1F06F6

 4B38F6

 1900F6

 6150F6

 7769F6

 8D81F6

 A39AF6

 B9B3F6

 D0CBF6

 E6E4F6

 FCFCF6

Harmonies

Analogous

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



0060FF



351FF6



C900A4

Triad

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



351FF6



9F2000



006E64

Complementary

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



351FF6



E0F61F

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.



006B00



351FF6



545600

Square

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



351FF6



D40000



006600



0072C5

Rectangle

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



351FF6



E50064



006600



006D42

Sweetspot

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



351FF6



C3BDFF



1FE0F6



5C5880



000000



808080

Same Dimension

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



351FF6



1A00FF



A01FF6



6F6E7A



1300BA



06003B

Inverse Universe

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



F61FE0



FF00E5



75F61F



7A6E79



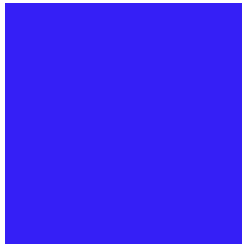
BA00A7



3B0035

Previews

White Background



This preview shows how the Hex color 351FF6 looks on a white background.

Color Contrast Check

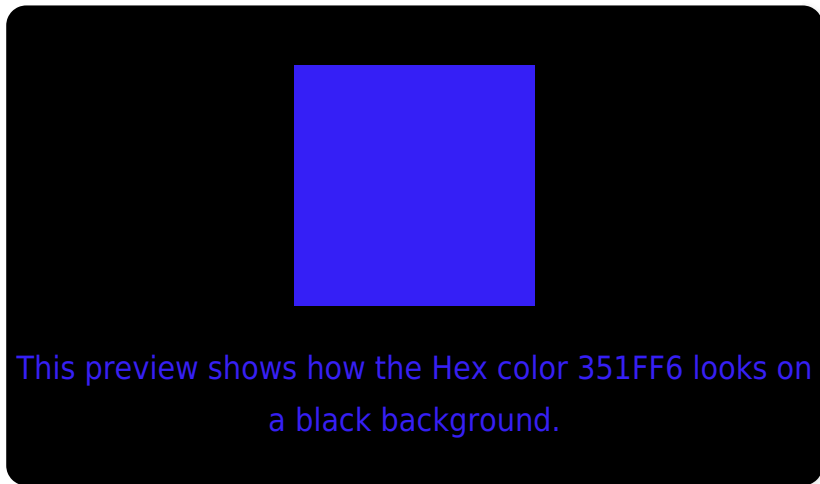
Large Text (above 18pt) WCAG AA ✓ Pass

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

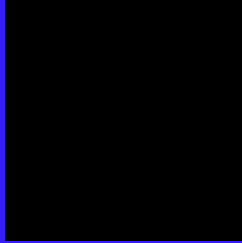
Any Text WCAG AA × Fail

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 351FF6 Background



This preview shows how black text looks on a background with the Hex color 351FF6.



This preview shows how white text looks on a background with the Hex color 351FF6.

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



Original Color
351FF6

Protanopia
004EA4

Deuteranopia
00548B



Tritanopia
005A5F

Trichromacy



Original Color
351FF6



Protanomaly
133DC2



Deuteranomaly
1341B2



Tritanomaly
134596

Monochromacy



Original Color
351FF6



Achromatopsia
3E3E3E



Achromatomaly
3B3381

CSS Examples

Text

The CSS property to change the color of the text to Hex 351FF6 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 #351FF6 looks like.

```
.text, #text, p{  
    color:#351FF6  
}
```

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 #351FF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #351FF6
}
```

Border

The CSS property to change the border of an element to Hex 351FF6 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
#351FF6 }
```

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

```
.border{ border-color:#351FF6 }
```

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

Here you see how a box with a 4 pixel #351FF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #351FF6; -webkit-box-shadow:4px 4px  
4px 4px #351FF6; box-shadow:4px 4px 4px  
4px #351FF6 }
```

Background

The CSS property to change the background color of an element to Hex 351FF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#351FF6 }
```

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

```
.background{ background-color:#351FF6 }
```

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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