

Converting Colors

Hex(305FD7)

Have a look what the booklet for
Hex(305FD7) contains.

Hex(305FD7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(305FD7)

Conversions

Conversions Part 1

Format	Color
Hex	305FD7
RGB	48, 95, 215
RGB Percent	19%, 37%, 84%
CMY	0.8118, 0.6275, 0.1569
CMYK	0.78, 0.56, 0.00, 0.16
HSL	223°, 68%, 52%
HSV	223°, 78%, 84%
XYZ	17.5769, 13.7191, 66.0116
YIQ	94.6270, -66.5320, 27.3560

Conversions

Conversions Part 2

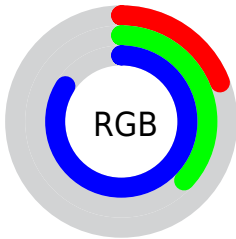
Format	Color
R_{YB}	48, 85, 215
Decimal	3170263
CIE _{Lab}	43.83, 26.99, -66.12
CIE _{LCh}	44, 71.416, 292.203
Yxy	13.7191, 0.1806, 0.1410
Android (android.graphics.Color)	4281360343 (0xFF305FD7)
YUV	94.6270, 59.3439, -40.8919
Hunter-Lab	37.0393, 19.8878, -79.7394

Details

The Hex color **305FD7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **D7A830**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7791FF**, and **00329F** is the 20% darker color. If you saturate the color by 10%, you get **1B50D7**, and if you desaturate by 10%, it is **466ED7**.

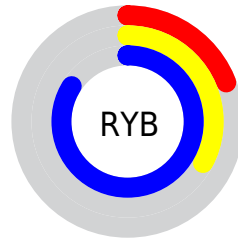
Distribution



Red (19%)

Green (37%)

Blue (84%)



Red (19%)

Yellow (33%)

Blue (84%)

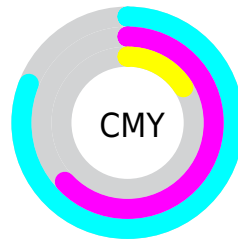


Cyan (78%)

Magenta (56%)

Yellow (0%)

Black (16%)



Cyan (81%)

Magenta (63%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305FD7 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 305FD7 by changing the saturation by 10% instead.


 305FD7

 305FD7

FFFFFF

 0048BB

 7791FF

 00329F

 96ABFF

 001E84

 B4C6FF

 000A6A

 D3E2FF

 000A51

 F2FFFF

 000539

 000223

 000009

 000000

■ 305FD7

■ 305FD7

■ 1B50D7

■ 466ED7

■ 0540D7

■ 5B7ED7

■ 003DD7

■ 718DD7

■ 869DD7

■ 9CACD7

■ B1BCD7

■ C7CBD7

■ DCDBD7

■ F2EAD7

Harmonies

Analogous

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



0074DF



305FD7



9D3DB1

Triad

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



305FD7



B44300



007F56

Complementary

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



305FD7



D7A830

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.



007B11



305FD7



8B6000

Square

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



305FD7



CB183F



547200



008193

Rectangle

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



305FD7



BD1F8D



547200



007E41

Sweetspot

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



305FD7



C4D5FF



30D7A8



5C6680



000000



808080

Same Dimension

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



305FD7



1255FF



5430D7



60636B



0030AB



000C2B

Inverse Universe

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



D7305F



FF1255



B3D730



6B6063



AB0030



2B000C

Previews

White Background



This preview shows how the Hex color 305FD7 looks on a white background.

Color Contrast Check

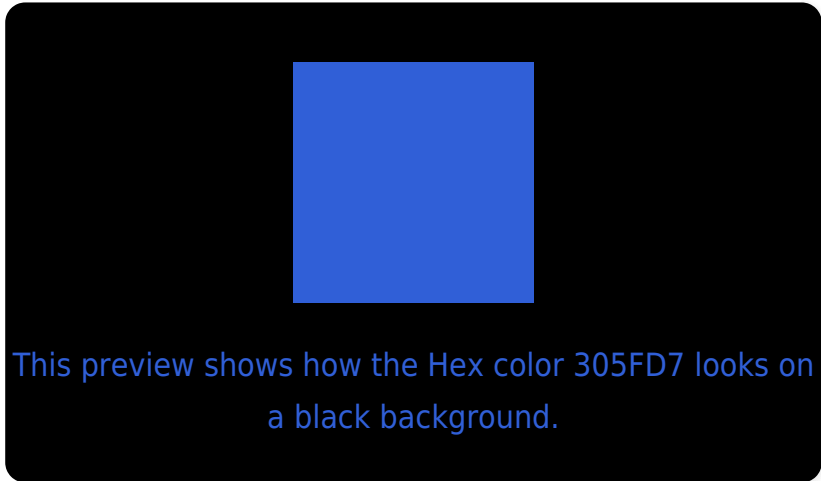
Large Text (above 18pt) WCAG AA ✓ Pass

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

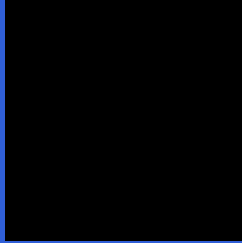
Any Text WCAG AA × Fail

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 305FD7 Background



This preview shows how black text looks on a background with the Hex color 305FD7.

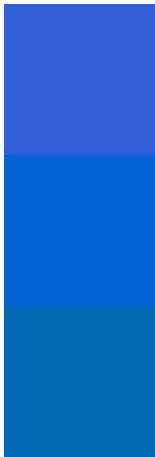


This preview shows how white text looks on a background with the Hex color 305FD7.

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
305FD7

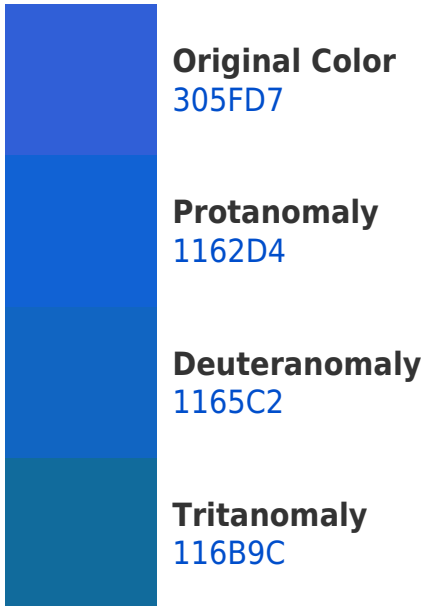
Protanopia
0063D3

Deuteranopia
0069B6

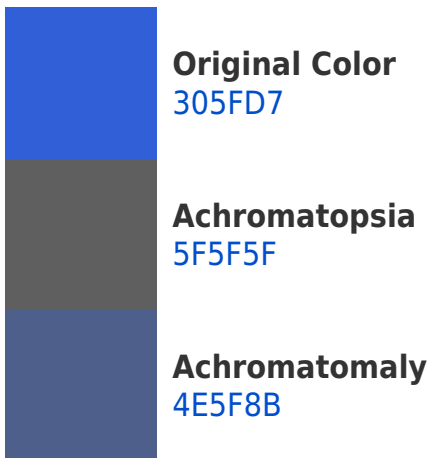


Tritanopia
00727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 305FD7 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 #305FD7 looks like.

```
.text, #text, p{  
    color:#305FD7  
}
```

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 #305FD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305FD7
}
```

Border

The CSS property to change the border of an element to Hex 305FD7 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
#305FD7 }
```

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

```
.border{ border-color:#305FD7 }
```

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

Here you see how a box with a 4 pixel #305FD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305FD7; -webkit-box-shadow:4px 4px  
4px 4px #305FD7; box-shadow:4px 4px 4px  
4px #305FD7 }
```

Background

The CSS property to change the background color of an element to Hex 305FD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305FD7 }
```

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

```
.background{ background-color:#305FD7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor