

Converting Colors

Hex(FF3305)

Have a look what the booklet for
Hex(FF3305) contains.

Hex(FF3305)	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(F3305)

Conversions

Conversions Part 1

Format	Color
Hex	FF3305
RGB	255, 51, 5
RGB Percent	100%, 20%, 2%
CMY	0.0000, 0.8000, 0.9804
CMYK	0.00, 0.80, 0.98, 0.00
HSL	11°, 100%, 51%
HSV	11°, 98%, 100%
XYZ	42.4512, 23.6386, 2.4689
YIQ	106.7520, 136.3500, 28.9420

Conversions

Conversions Part 2

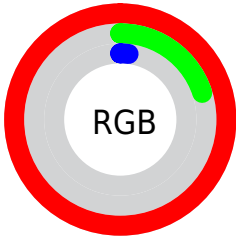
Format	Color
R_{YB}	255, 61, 5
Decimal	16724741
CIE Lab	55.72, 73.04, 67.05
CIE LCh	56, 99.153, 42.553
Yxy	23.6386, 0.6192, 0.3448
Android (android.graphics.Color)	4294914821 (0xFFFF3305)
YUV	106.7520, -50.1637, 130.0135
Hunter-Lab	48.6196, 70.7696, 31.0230

Details

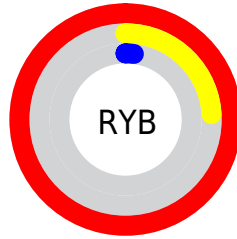
The Hex color **FF3305** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **05D1FF**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7440**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF2F00**, and if you desaturate by 10%, it is **FF481F**.

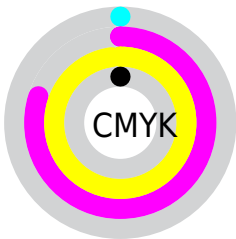
Distribution



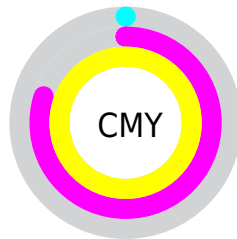
- Red (100%)
- Green (20%)
- Blue (2%)



- Red (100%)
- Yellow (24%)
- Blue (2%)



- Cyan (0%)
- Magenta (80%)
- Yellow (98%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3305 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 FF3305 by changing the saturation by 10% instead.

 FF3305

 FF3305

FFFFFF

 DD0000

 FF7440

 BC0000

 FF925A

 9B0000

 FFAF74

 7A0000

 FFCD8F

 5B0002

 FFEBA A

 3D0003

 FFFFC6

 180001

 FFFF E3

 000000

 FF3305

 FF3305

 FF2F00

 FF481F

 FF5D38

 FF7152

 FF866B

 FF9B85

 FFB09E

 FFC5B8

 FFD9D1

 FFE0EB

Harmonies

Analogous

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



FF0066



FF3305



CB6E00

Triad

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



FF3305



00A54E



0086FF

Complementary

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



FF3305



05D1FF

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.



009EFF



FF3305



00A8A9

Square

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



FF3305



009E00



00A7FA



B056FF

Rectangle

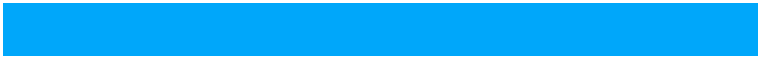
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF3305



9C8500



00A7FA



0090FF

Sweetspot

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



FF3305



FFC3B5



FF05D1



805B53



000000



808080

Same Dimension

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



FF3305



FF2F00



FFB005



807573



BF2300



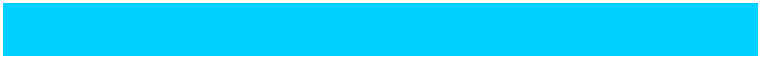
400C00

Inverse Universe

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



05D1FF



00D0FF



0554FF



737D80



009CBF



003440

Previews

White Background



This preview shows how the Hex color FF3305 looks on a white background.

Color Contrast Check

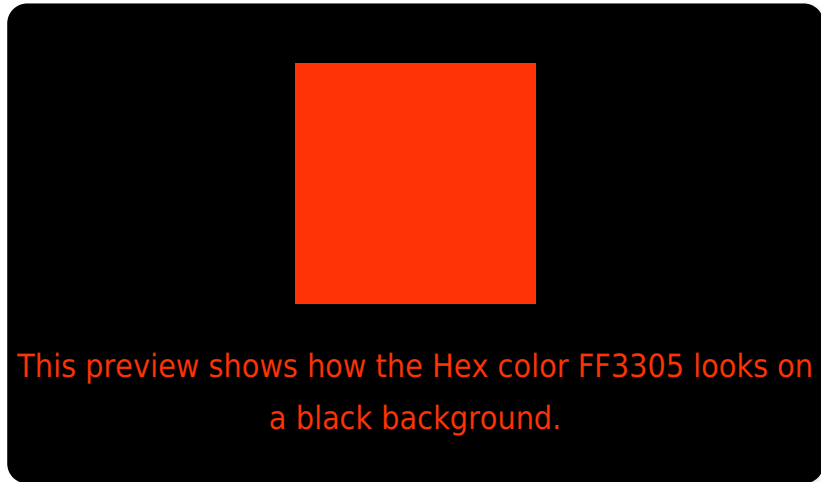
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex FF3305 Background



This preview shows how black text looks on a background with the Hex color FF3305.



This preview shows how white text looks on a background with the Hex color FF3305.

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
FF3305

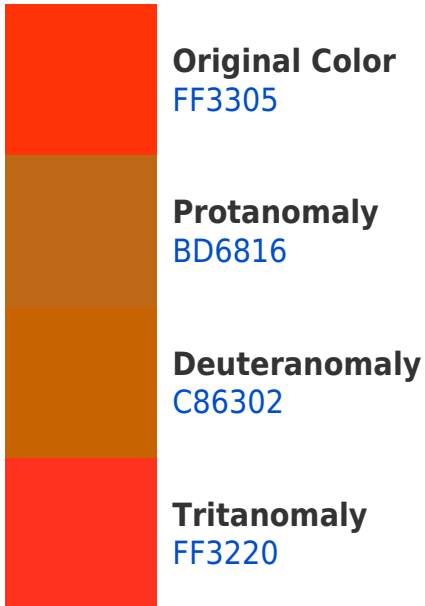
Protanopia
97861F

Deuteranopia
A97F00



Tritanopia
FF3130

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF3305 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 #FF3305 looks like.

```
.text, #text, p{  
    color:#FF3305  
}
```

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 #FF3305 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3305
}
```

Border

The CSS property to change the border of an element to Hex FF3305 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".

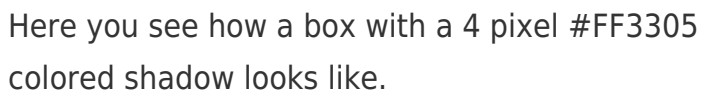
```
.border, #border, table{ border:4px solid
#FF3305 }
```

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

```
.border{ border-color:#FF3305 }
```

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

Here you see how a box with a 4 pixel #FF3305 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3305; -webkit-box-shadow:4px 4px  
4px 4px #FF3305; box-shadow:4px 4px 4px  
4px #FF3305 }
```

Background

The CSS property to change the background color of an element to Hex FF3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3305 }
```

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

```
.background{ background-color:#FF3305 }
```

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