

Converting Colors

Hex(FF6303)

Have a look what the booklet for
Hex(FF6303) contains.

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Color

Hex(F6303)

Conversions

Conversions Part 1

Format	Color
Hex	FF6303
RGB	255, 99, 3
RGB Percent	100%, 39%, 1%
CMY	0.0000, 0.6118, 0.9882
CMYK	0.00, 0.61, 0.99, 0.00
HSL	23°, 100%, 51%
HSV	23°, 99%, 100%
XYZ	45.7183, 30.1903, 3.5038
YIQ	134.7000, 123.7920, 3.2160

Conversions

Conversions Part 2

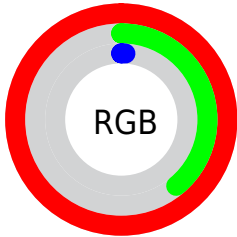
Format	Color
R _Y B	255, 158, 3
Decimal	16737027
CIE Lab	61.82, 56.34, 70.55
CIE LCh	62, 90.288, 51.393
Yxy	30.1903, 0.5757, 0.3802
Android (android.graphics.Color)	4294927107 (0xFFFF6303)
YUV	134.7000, -64.9281, 105.5031
Hunter-Lab	54.9457, 52.3684, 34.6811

Details

The Hex color **FF6303** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **039FFF**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9B45**, and **BE2900** is the 20% darker color. If you saturate the color by 10%, you get **FF6100**, and if you desaturate by 10%, it is **FF731C**.

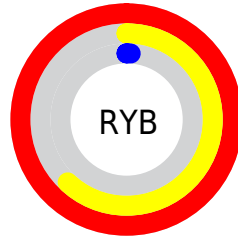
Distribution



Red (100%)

Green (39%)

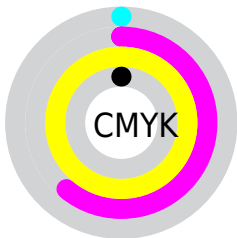
Blue (1%)



Red (100%)

Yellow (62%)

Blue (1%)

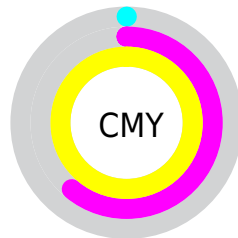


Cyan (0%)

Magenta (61%)

Yellow (99%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF6303 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 FF6303 by changing the saturation by 10% instead.

 FF6303

 FF6303

FFFFFF

 DE4700

 FF9B45

 BE2900

 FFB760

 9D0000

 FFD47B

 7D0000

 FFF196

 5F0000

 FFFFB2

 420002

 FFFFCE

 230001

 FFFFEB

 000000

 FF6303

 FF6303

 FF6100

 FF731C

 FF8336

 FF9250

 FFA269

 FFB283

 FFC29C

 FFD2B5

 FFE1CF

 FFF1E9

Harmonies

Analogous

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



FF2F61



FF6303



C88A00

Triad

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



FF6303



00B67B



478BFF

Complementary

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



FF6303



039FFF

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.



00A6FF



FF6303



00B7CE

Square

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



FF6303



00B020



00B4FF



DC5EFB

Rectangle

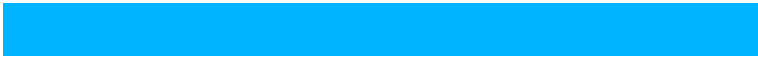
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF6303



999C00



00B4FF



0096FF

Sweetspot

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



FF6303



FFD0B3



FF03A3



806352



000000



808080

Same Dimension

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



FF6303



FF6100



FFDD03



807873



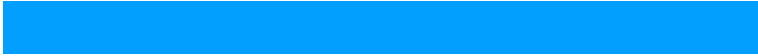
BF4900



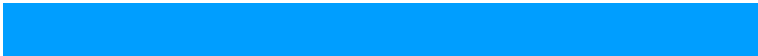
401800

Inverse Universe

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



039FFF



009EFF



0325FF



737B80



0076BF



002740

Previews

White Background



This preview shows how the Hex color FF6303 looks on a white background.

Color Contrast Check

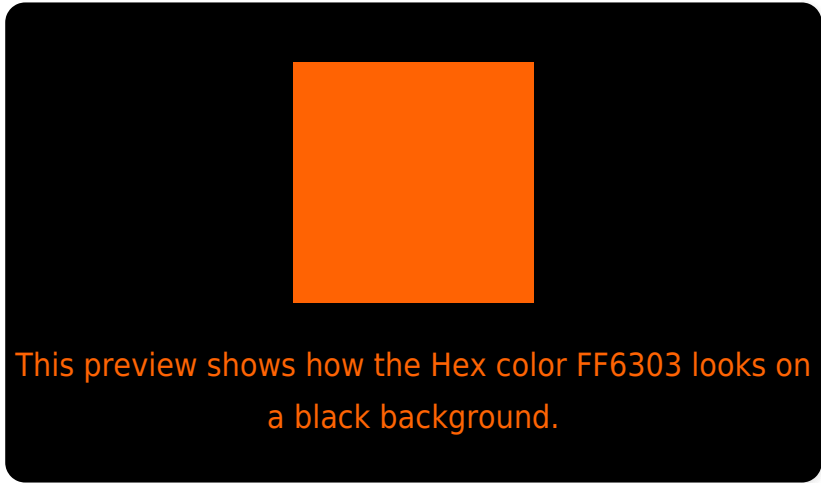
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex FF6303 Background



This preview shows how black text looks on a background with the Hex color FF6303.



This preview shows how white text looks on a background with the Hex color FF6303.

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
FF6303

Protanopia
A9961A

Deuteranopia
BD8E00



Tritanopia
FF5E63

Trichromacy



Original Color
FF6303

Protanomaly
C88312

Deuteranomaly
D57E01

Tritanomaly
FF6040

Monochromacy



Original Color
FF6303

Achromatopsia
878787

Achromatomaly
B37A57

CSS Examples

Text

The CSS property to change the color of the text to Hex FF6303 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 #FF6303 looks like.

```
.text, #text, p{  
    color:#FF6303  
}
```

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 #FF6303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6303
}
```

Border

The CSS property to change the border of an element to Hex FF6303 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
#FF6303 }
```

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

```
.border{ border-color:#FF6303 }
```

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

Here you see how a box with a 4 pixel #FF6303 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6303; -webkit-box-shadow:4px 4px  
4px 4px #FF6303; box-shadow:4px 4px 4px  
4px #FF6303 }
```

Background

The CSS property to change the background color of an element to Hex FF6303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6303 }
```

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

```
.background{ background-color:#FF6303 }
```

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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