

# Converting Colors

Hex(FF6227)

Have a look what the booklet for  
Hex(FF6227) contains.

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**Color**

**Hex(F6227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6227
RGB	255, 98, 39
RGB Percent	100%, 38%, 15%
CMY	0.0000, 0.6157, 0.8471
CMYK	0.00, 0.62, 0.85, 0.00
HSL	16°, 100%, 58%
HSV	16°, 85%, 100%
XYZ	45.9739, 30.1418, 5.3143
YIQ	138.2170, 112.5110, 14.9350

# Conversions

## Conversions Part 2

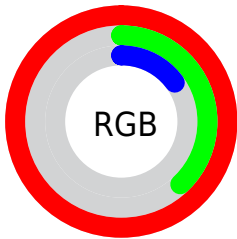
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 120, 39
Decimal	16736807
CIE Lab	61.78, 57.25, 61.01
CIE LCh	62, 83.660, 46.822
Yxy	30.1418, 0.5646, 0.3702
Android (android.graphics.Color)	4294926887 (0xFFFF6227)
YUV	138.2170, -48.9140, 102.4187
Hunter-Lab	54.9016, 53.3958, 32.6920

# Details

The Hex color **FF6227** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **27C4FF**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF9A5A**, and **BE2700** is the 20% darker color. If you saturate the color by 10%, you get **FF4F0E**, and if you desaturate by 10%, it is **FF7541**.

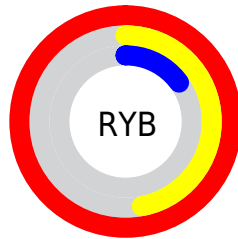
# Distribution



Red (100%)

Green (38%)

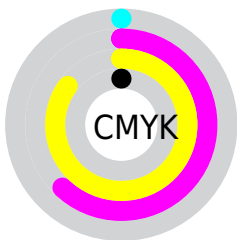
Blue (15%)



Red (100%)

Yellow (47%)

Blue (15%)

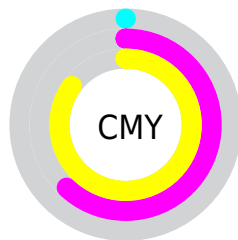


Cyan (0%)

Magenta (62%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6227 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 FF6227 by changing the saturation by 10% instead.



 FF6227

 FF6227

FFFFFF

 DE4608

 FF9A5A

 BE2700

 FFB675

 9E0000

 FFD38F

 7E0000

 FFF0AA

 5F0000

 FFFFC6

 430002

 FFFF E3

 240001

 000000

 FF6227

 FF6227

 FF4F0E

 FF7541

 FF4600

 FF875A

 FF9A74

 FFAC8D

 FFBFA7

 FFD1C0

 FFE4DA

 FFF6F3

FFFFFF

# Harmonies

## Analogous

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



FF3C6F



FF6227



CF8600

# Triad

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



FF6227



00B371



2090FF

# Complementary

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



FF6227



27C4FF

# 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.



00A8FF



FF6227



00B6BE

# Square

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



FF6227



1FAD1D



00B3FF



CB6BFC

# Rectangle

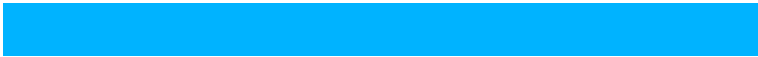
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF6227



A59800



00B3FF



0099FF



# Sweetspot

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



FF6227



FFD1BF



FF27C5



806459



000000



808080



# Same Dimension

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



FF6227



FF4600



FFCD27



807673



BF3400

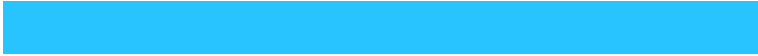


401100

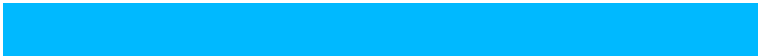


# Inverse Universe

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



27C4FF



00B9FF



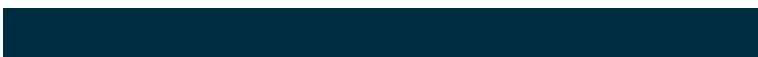
2759FF



737C80



008BBF



002E40



# Previews

## White Background



This preview shows how the Hex color FF6227 looks on a white background.

## Color Contrast Check

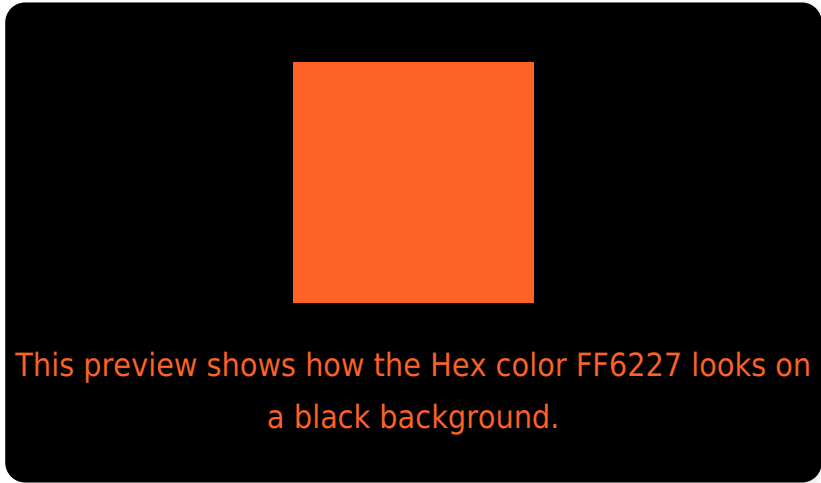
Large Text (above 18pt) WCAG AA × Fail

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 FF6227 Background



This preview shows how black text looks on a background with the Hex color FF6227.

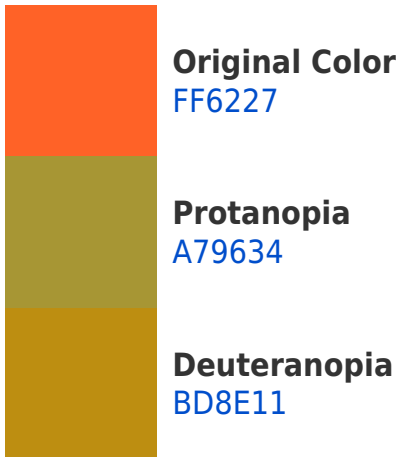


This preview shows how white text looks on a background with the Hex color FF6227.

# 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**  
FF5E63

# Trichromacy



**Original Color**  
FF6227

**Protanomaly**  
C7832F

**Deuteranomaly**  
D57E19

**Tritanomaly**  
FF5F4D

# Monochromacy



**Original Color**  
FF6227

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
B57B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6227 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 #FF6227 looks like.

```
.text, #text, p{  
    color:#FF6227  
}
```

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 #FF6227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6227
}
```

## Border

The CSS property to change the border of an element to Hex FF6227 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
#FF6227 }
```

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

```
.border{ border-color:#FF6227 }
```

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

Here you see how a box with a 4 pixel #FF6227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6227; -webkit-box-shadow:4px 4px  
4px 4px #FF6227; box-shadow:4px 4px 4px  
4px #FF6227 }
```

# Background

The CSS property to change the background color of an element to Hex FF6227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6227 }
```

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

```
.background{ background-color:#FF6227 }
```

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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