

# Converting Colors

Hex(F26328)

Have a look what the booklet for  
Hex(F26328) contains.

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**Color**

**Hex(F26328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F26328
RGB	242, 99, 40
RGB Percent	95%, 39%, 16%
CMY	0.0510, 0.6118, 0.8431
CMYK	0.00, 0.59, 0.83, 0.05
HSL	18°, 89%, 55%
HSV	18°, 83%, 95%
XYZ	41.4628, 27.9541, 5.2178
YIQ	135.0310, 104.1670, 11.9670

# Conversions

## Conversions Part 2

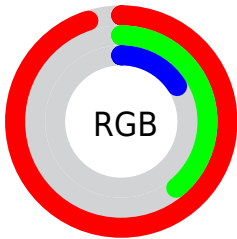
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 123, 40
Decimal	15885096
CIE Lab	59.85, 52.28, 58.13
CIE LCh	60, 78.178, 48.031
Yxy	27.9541, 0.5555, 0.3745
Android (android.graphics.Color)	4294075176 (0xFFFF26328)
YUV	135.0310, -46.8503, 93.8118
Hunter-Lab	52.8717, 47.4571, 31.1589

# Details

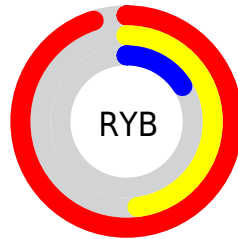
The Hex color **F26328** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **28B7F2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF9A5B**, and **B22B00** is the 20% darker color. If you saturate the color by 10%, you get **F25210**, and if you desaturate by 10%, it is **F27440**.

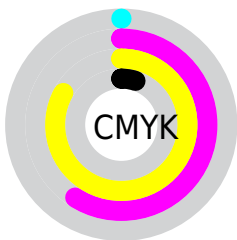
# Distribution



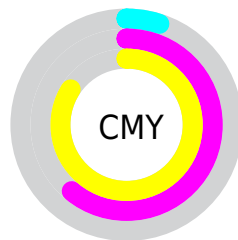
- Red (95%)
- Green (39%)
- Blue (16%)



- Red (95%)
- Yellow (48%)
- Blue (16%)



- Cyan (0%)
- Magenta (59%)
- Yellow (83%)
- Black (5%)



- Cyan (5%)
- Magenta (61%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F26328 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 F26328 by changing the saturation by 10% instead.



 F26328

 F26328

FFFFFF

 D2480B

 FF9A5B

 B22B00

 FFB675

 930300

 FFD28F

 730000

 FFF0AB

 550000

 FFFFC6

 3B0002

 FFFF E3

 130000

 000000

 F26328

 F26328

 F25210

 F27440

 F24700

 F28558

 F29671

 F2A889

 F2B9A1

 F2CAB9

 F2DBD1

 F2ECEA

 F2FDFF

# Harmonies

## Analogous

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



FF426A



F26328



C48300

# Triad

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



F26328



00AD71



408AFF

# Complementary

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



F26328



28B7F2

# 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.



00A0FF



F26328



00AFB9

# Square

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



F26328



22A728



00ABF6



C568ED

# Rectangle

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



F26328



9D9300



00ABF6



0093FF



# Sweetspot

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



F26328



FFD2BF



F228B9



806459



000000



808080



# Same Dimension

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



F26328



FF4A00



F2C628



786F6C



B83600



381000



# Inverse Universe

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



28B7F2



00B5FF



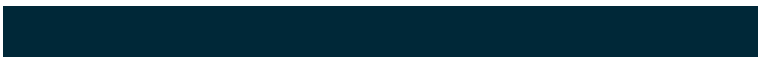
2854F2



6C7478



0082B8



002838



# Previews

## White Background



This preview shows how the Hex color F26328 looks on a white background.

## Color Contrast Check

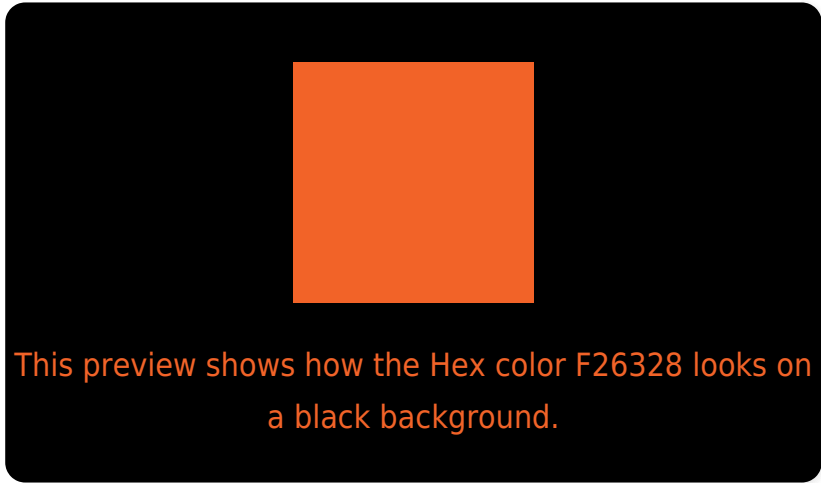
Large Text (above 18pt) WCAG AA ✓ Pass

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 F26328 Background



This preview shows how black text looks on a background with the Hex color F26328.



This preview shows how white text looks on a background with the Hex color F26328.

# 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**  
F45D63

# Trichromacy



**Original Color**  
F26328

**Protanomaly**  
BF8030

**Deuteranomaly**  
CC7B1D

**Tritanomaly**  
F35F4E

# Monochromacy



**Original Color**  
F26328

**Achromatopsia**  
878787

**Achromatomaly**  
AE7A64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F26328 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 #F26328 looks like.

```
.text, #text, p{  
    color:#F26328  
}
```

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 #F26328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F26328
}
```

## Border

The CSS property to change the border of an element to Hex F26328 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
#F26328 }
```

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

```
.border{ border-color:#F26328 }
```

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

Here you see how a box with a 4 pixel #F26328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F26328; -webkit-box-shadow:4px 4px  
4px 4px #F26328; box-shadow:4px 4px 4px  
4px #F26328 }
```

# Background

The CSS property to change the background color of an element to Hex F26328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F26328 }
```

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

```
.background{ background-color:#F26328 }
```

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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