

# Converting Colors

Hex(F26D00)

Have a look what the booklet for  
Hex(F26D00) contains.

<b>Hex(F26D00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F26D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F26D00
RGB	242, 109, 0
RGB Percent	95%, 43%, 0%
CMY	0.0510, 0.5725, 1.0000
CMYK	0.00, 0.55, 1.00, 0.05
HSL	27°, 100%, 47%
HSV	27°, 100%, 95%
XYZ	42.0866, 29.8145, 3.5366
YIQ	136.3410, 114.2570, -5.7030

# Conversions

## Conversions Part 2

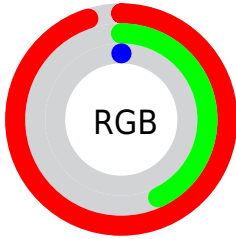
Format	Color
<a href="#">RYB</a>	<a href="#">242, 198, 0</a>
Decimal	<a href="#">15887616</a>
CIELab	<a href="#">61.49, 47.07, 69.80</a>
CIELCh	<a href="#">61, 84.189, 56.003</a>
Yxy	<a href="#">29.8145, 0.5579, 0.3952</a>
Android (android.graphics.Color)	<a href="#">4294077696</a> ( <a href="#">0xFFFF26D00</a> )
YUV	<a href="#">136.3410, -67.2161, 92.6629</a>
Hunter-Lab	<a href="#">54.6027, 42.0293, 34.3817</a>

# Details

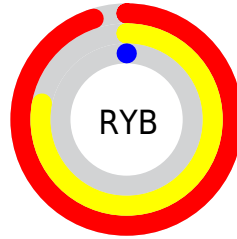
The Hex color **F26D00** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **0085F2**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFA345**, and **B23800** is the 20% darker color. If you saturate the color by 10%, you get **F26D00**, and if you desaturate by 10%, it is **F27A18**.

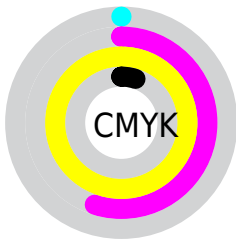
# Distribution



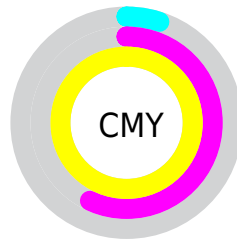
- Red (95%)
- Green (43%)
- Blue (0%)



- Red (95%)
- Yellow (78%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (5%)



- Cyan (5%)
- Magenta (57%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F26D00 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 F26D00 by changing the saturation by 10% instead.



 F26D00

 F26D00

FFFFFF

 D25300

 FFA345

 B23800

 FFBF60

 921B00

 FFDC7B

 730000

 FFF996

 550000

 FFFFB2

 3A0001

 FFFFCE

 160000

 FFFFEB

 000000

 F26D00

 F27A18

 F28830

 F29549

 F2A261

 F2B079

 F2BD91

 F2CAA9

 F2D7C2

 F2E5DA

# Harmonies

## Analogous

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



FF4458



F26D00



BC8E00

# Triad

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



F26D00



00B488



7585FF

# Complementary

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



F26D00



0085F2

# 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.



00A1FF



F26D00



00B5D4

# Square

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



F26D00



00AF38



00B0FF



E25CE9

# Rectangle

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



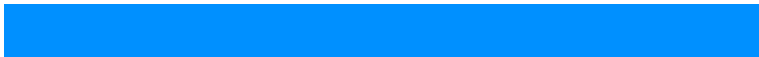
F26D00



8E9D00



00B0FF



0090FF



# Sweetspot

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



F26D00



FFD5B3



F20085



806652



000000



808080



# Same Dimension

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



F26D00



FF7300



F2E600



78716C



B85300



381900



# Inverse Universe

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



0085F2



008CFF



000CF2



6C7278



0065B8



001F38



# Previews

## White Background



This preview shows how the Hex color F26D00 looks on a white background.

## Color Contrast Check

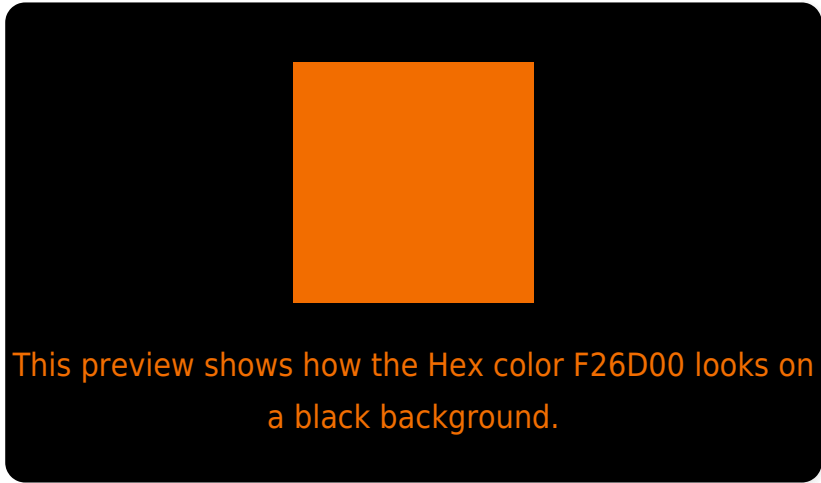
Large Text (above 18pt) WCAG AA ✓ Pass

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 F26D00 Background



This preview shows how black text looks on a background with the Hex color F26D00.



This preview shows how white text looks on a background with the Hex color F26D00.

# 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**  
F26D00

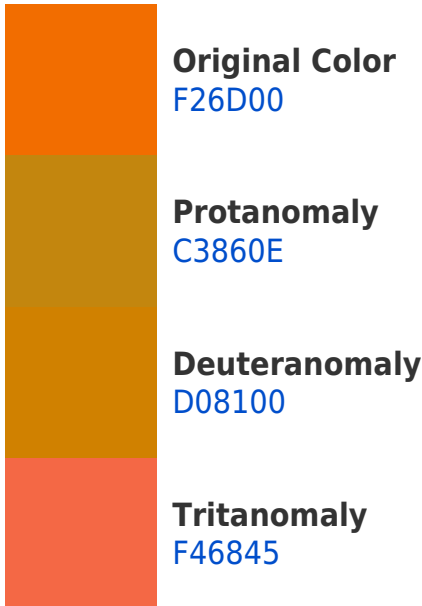
**Protanopia**  
A89516

**Deuteranopia**  
BC8D00



**Tritanopia**  
F5656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F26D00 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 #F26D00 looks like.

```
.text, #text, p{  
    color:#F26D00  
}
```

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 #F26D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F26D00
}
```

## Border

The CSS property to change the border of an element to Hex F26D00 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
#F26D00 }
```

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

```
.border{ border-color:#F26D00 }
```

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

Here you see how a box with a 4 pixel #F26D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F26D00; -webkit-box-shadow:4px 4px  
4px 4px #F26D00; box-shadow:4px 4px 4px  
4px #F26D00 }
```

# Background

The CSS property to change the background color of an element to Hex F26D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F26D00 }
```

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

```
.background{ background-color:#F26D00 }
```

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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