

Converting Colors

Hex(F26300)

Have a look what the booklet for
Hex(F26300) contains.

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Color

Hex(F26300)

Conversions

Conversions Part 1

Format	Color
Hex	F26300
RGB	242, 99, 0
RGB Percent	95%, 39%, 0%
CMY	0.0510, 0.6118, 1.0000
CMYK	0.00, 0.59, 1.00, 0.05
HSL	25°, 100%, 47%
HSV	25°, 100%, 95%
XYZ	41.0798, 27.8009, 3.2010
YIQ	130.4710, 117.0070, -0.4730

Conversions

Conversions Part 2

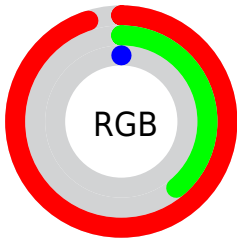
Format	Color
R _Y B	242, 168, 0
Decimal	15885056
CIE Lab	59.71, 51.71, 68.81
CIE LCh	60, 86.068, 53.076
Yxy	27.8009, 0.5699, 0.3857
Android (android.graphics.Color)	4294075136 (0xFFFF26300)
YUV	130.4710, -64.3222, 97.8109
Hunter-Lab	52.7266, 46.7996, 33.3092

Details

The Hex color **F26300** 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 **008FF2**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF9A43**, and **B12B00** is the 20% darker color. If you saturate the color by 10%, you get **F26300**, and if you desaturate by 10%, it is **F27118**.

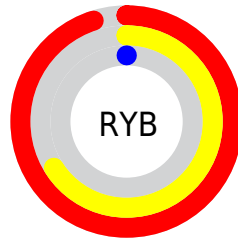
Distribution



Red (95%)

Green (39%)

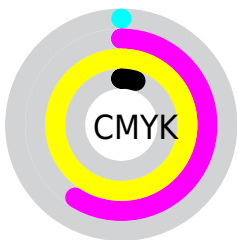
Blue (0%)



Red (95%)

Yellow (66%)

Blue (0%)

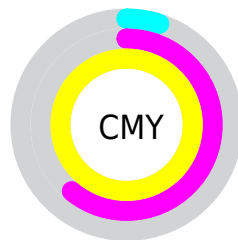


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F26300 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 F26300 by changing the saturation by 10% instead.

 F26300

 F26300

FFFFFF

 D14800

 FF9A43

 B12B00

 FFB65E

 910500

 FFD278

 720000

 FFEF94

 540000

 FFFF4F

 3A0002

 FFFFCC

 110000

 FFFF99

 000000

 F26300

 F27118

 F28030

 F28E49

 F29C61

 F2AB79

 F2B991

 F2C7A9

 F2D5C2

 F2E4DA

Harmonies

Analogous

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



FF355A



F26300



BD8700

Triad

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



F26300



00AF7B



5884FF

Complementary

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



F26300



008FF2

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.



009FFF



F26300



00B0C9

Square

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



F26300



00A928



00ACFF



D75AEC

Rectangle

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



F26300



909700



00ACFF



008EFF

Sweetspot

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



F26300



FFD2B3



F20091



806452



000000



808080

Same Dimension

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



F26300



FF6800



F2DA00



78716C



B84B00



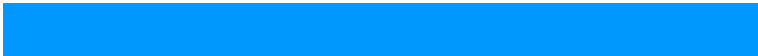
381700

Inverse Universe

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



008FF2



0097FF



0018F2



6C7378



006CB8



002138

Previews

White Background



This preview shows how the Hex color F26300 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 F26300 Background



This preview shows how black text looks on a background with the Hex color F26300.



This preview shows how white text looks on a background with the Hex color F26300.

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
F26300

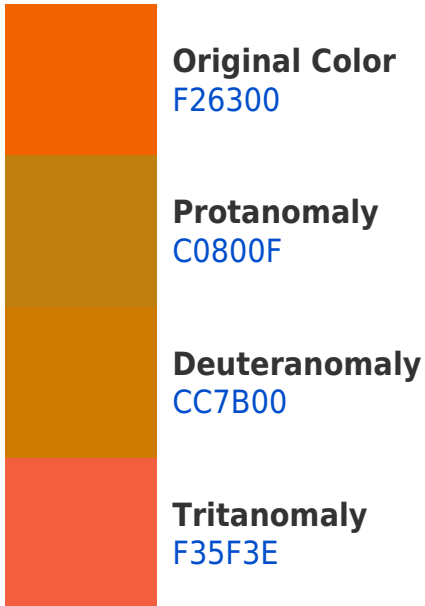
Protanopia
A39118

Deuteranopia
B68900



Tritanopia
F45C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F26300 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 #F26300 looks like.

```
.text, #text, p{  
    color:#F26300  
}
```

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 #F26300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F26300
}
```

Border

The CSS property to change the border of an element to Hex F26300 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
#F26300 }
```

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

```
.border{ border-color:#F26300 }
```

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

Here you see how a box with a 4 pixel #F26300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F26300; -webkit-box-shadow:4px 4px  
4px 4px #F26300; box-shadow:4px 4px 4px  
4px #F26300 }
```

Background

The CSS property to change the background color of an element to Hex F26300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F26300 }
```

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

```
.background{ background-color:#F26300 }
```

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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