

Converting Colors

Hex(F16227)

Have a look what the booklet for
Hex(F16227) contains.

Hex(F16227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F16227)

Conversions

Conversions Part 1

Format	Color
Hex	F16227
RGB	241, 98, 39
RGB Percent	95%, 38%, 15%
CMY	0.0549, 0.6157, 0.8471
CMYK	0.00, 0.59, 0.84, 0.05
HSL	18°, 88%, 55%
HSV	18°, 84%, 95%
XYZ	41.0095, 27.5826, 5.0820
YIQ	134.0310, 104.1670, 11.9670

Conversions

Conversions Part 2

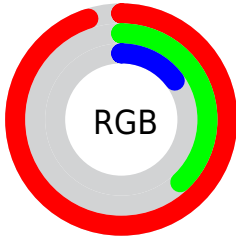
Format	Color
R_{YB}	241, 122, 39
Decimal	15819303
CIE _{Lab}	59.51, 52.35, 58.18
CIE _{LCh}	60, 78.263, 48.021
Yxy	27.5826, 0.5566, 0.3744
Android (android.graphics.Color)	4294009383 (0xFFFF16227)
YUV	134.0310, -46.8503, 93.8118
Hunter-Lab	52.5192, 47.4730, 31.0262

Details

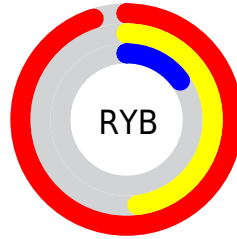
The Hex color **F16227** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **27B6F1**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF995A**, and **B12A00** is the 20% darker color. If you saturate the color by 10%, you get **F1510F**, and if you desaturate by 10%, it is **F1733F**.

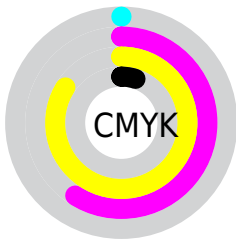
Distribution



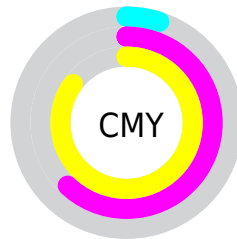
- Red (95%)
- Green (38%)
- Blue (15%)



- Red (95%)
- Yellow (48%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (84%)
- Black (5%)



- Cyan (5%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color F16227 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 F16227 by changing the saturation by 10% instead.

 F16227

 F16227

FFFFFF

 D14709

 FF995A

 B12A00

 FF8574

 920100

 FFD18E

 720000

 FFEFAA

 540000

 FFFFC5

 3A0002

 FFFF2

 110000

 000000

 F16227

 F16227

 F1510F

 F1733F

 F14600

 F18457

 F1956F

 F1A687

 F1B79F

 F1C8B8

 F1D9D0

 F1EAE8

 F1FCFF

Harmonies

Analogous

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



FF4169



F16227



C38200

Triad

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



F16227



00AC70



3E89FF

Complementary

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



F16227



27B6F1

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



F16227



00AEB8

Square

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



F16227



20A626



00ABF5



C467EC

Rectangle

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



F16227



9C9200



00ABF5



0092FF

Sweetspot

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



F16227



FFD2BF



F127B8



806459



000000



808080

Same Dimension

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



F16227



FF4A00



F1C527



786F6C



B83600



381000

Inverse Universe

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



27B6F1



00B5FF



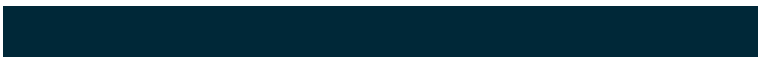
2753F1



6C7478



0082B8



002838

Previews

White Background



This preview shows how the Hex color F16227 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 F16227 Background



This preview shows how black text looks on a background with the Hex color F16227.



This preview shows how white text looks on a background with the Hex color F16227.

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
F16227

Protanopia
A19033

Deuteranopia
B58816



Tritanopia
F35C62

Trichromacy



Original Color
F16227

Protanomaly
BE7F2F

Deuteranomaly
CB7A1C

Tritanomaly
F25E4D

Monochromacy



Original Color
F16227

Achromatopsia
868686

Achromatomaly
AD7963

CSS Examples

Text

The CSS property to change the color of the text to Hex F16227 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 #F16227 looks like.

```
.text, #text, p{  
    color:#F16227  
}
```

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 #F16227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F16227
}
```

Border

The CSS property to change the border of an element to Hex F16227 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
#F16227 }
```

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

```
.border{ border-color:#F16227 }
```

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

Here you see how a box with a 4 pixel #F16227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F16227; -webkit-box-shadow:4px 4px  
4px 4px #F16227; box-shadow:4px 4px 4px  
4px #F16227 }
```

Background

The CSS property to change the background color of an element to Hex F16227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F16227 }
```

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

```
.background{ background-color:#F16227 }
```

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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