

Converting Colors

Hex(F27430)

Have a look what the booklet for
Hex(F27430) contains.

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Color

Hex(F27430)

Conversions

Conversions Part 1

Format	Color
Hex	F27430
RGB	242, 116, 48
RGB Percent	95%, 45%, 19%
CMY	0.0510, 0.5451, 0.8118
CMYK	0.00, 0.52, 0.80, 0.05
HSL	21°, 88%, 57%
HSV	21°, 80%, 95%
XYZ	43.3968, 31.5814, 6.6049
YIQ	145.9220, 96.9240, 5.5640

Conversions

Conversions Part 2

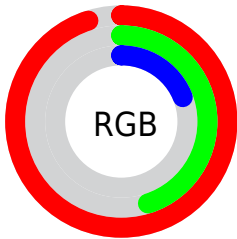
Format	Color
R _{YB}	242, 153, 48
Decimal	15889456
CIE _{Lab}	63.00, 44.52, 57.62
CIE _{LCh}	63, 72.810, 52.309
Y _{xy}	31.5814, 0.5319, 0.3871
Android (android.graphics.Color)	4294079536 (0xFFFF27430)
YUV	145.9220, -48.2755, 84.2604
Hunter-Lab	56.1974, 39.4963, 32.3698

Details

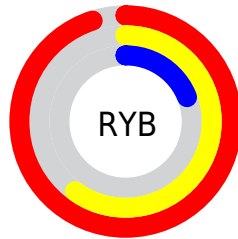
The Hex color **F27430** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **30AEF2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFAA63**, and **B34000** is the 20% darker color. If you saturate the color by 10%, you get **F26418**, and if you desaturate by 10%, it is **F28448**.

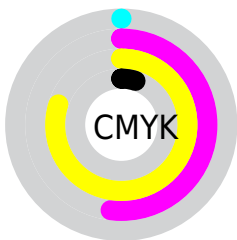
Distribution



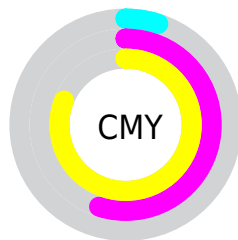
- Red (95%)
- Green (45%)
- Blue (19%)



- Red (95%)
- Yellow (60%)
- Blue (19%)



- Cyan (0%)
- Magenta (52%)
- Yellow (80%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color F27430 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 F27430 by changing the saturation by 10% instead.

 F27430

 F27430

FFFFFF

 D25A14

 FFAA63

 B34000

 FFC67D

 942500

 FFE398

 750200

 FFFFB4

 570000

 FFFF00

 3C0001

 FFFFED

 1C0001

 000000

 F27430

 F27430

 F26418

 F28448

 F25500

 F29360

 F2A379

 F2B391

 F2C3A9

 F2D2C1

 F2E2D9

 F2F2F2

 F2FFFF

Harmonies

Analogous

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



FF596B



F27430



C59000

Triad

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



F27430



00B585



738EFF

Complementary

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



F27430



30AEF2

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.



00A5FF



F27430



00B6C8

Square

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



F27430



27AF43



00B2FE



D570E9

Rectangle

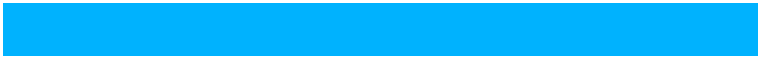
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F27430



9E9E00



00B2FE



2897FF

Sweetspot

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



F27430



FFD7C2



F230AE



80675B



000000



808080

Same Dimension

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



F27430



FF600A



F2D530



78706C



B84000



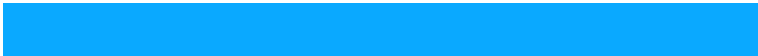
381400

Inverse Universe

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



30AEF2



0AA9FF



304DF2



6C7478



0077B8



002438

Previews

White Background



This preview shows how the Hex color F27430 looks on a white background.

Color Contrast Check

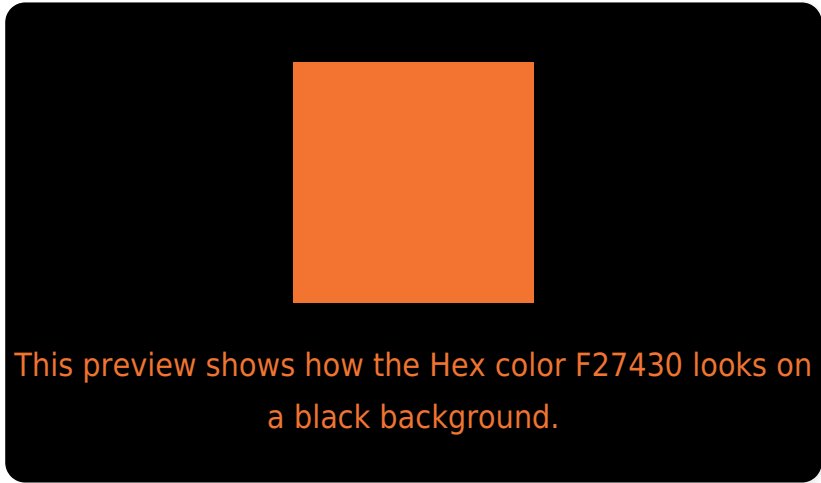
Large Text (above 18pt) WCAG AA × Fail

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 F27430 Background



This preview shows how black text looks on a background with the Hex color F27430.



This preview shows how white text looks on a background with the Hex color F27430.

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
F27430

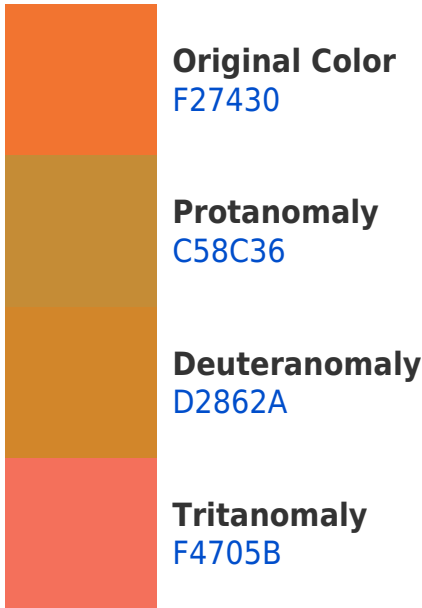
Protanopia
AB993A

Deuteranopia
C09126

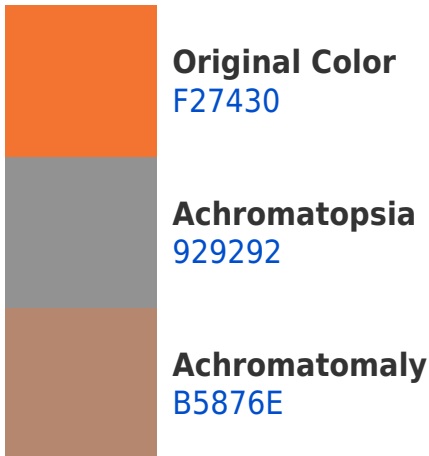


Tritanopia
F56D74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F27430 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 #F27430 looks like.

```
.text, #text, p{  
    color:#F27430  
}
```

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 #F27430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F27430
}
```

Border

The CSS property to change the border of an element to Hex F27430 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
#F27430 }
```

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

```
.border{ border-color:#F27430 }
```

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

Here you see how a box with a 4 pixel #F27430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F27430; -webkit-box-shadow:4px 4px  
4px 4px #F27430; box-shadow:4px 4px 4px  
4px #F27430 }
```

Background

The CSS property to change the background color of an element to Hex F27430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F27430 }
```

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

```
.background{ background-color:#F27430 }
```

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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