

Converting Colors

Hex(F27440)

Have a look what the booklet for
Hex(F27440) contains.

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Color

Hex(F27440)

Conversions

Conversions Part 1

Format	Color
Hex	F27440
RGB	242, 116, 64
RGB Percent	95%, 45%, 25%
CMY	0.0510, 0.5451, 0.7490
CMYK	0.00, 0.52, 0.74, 0.05
HSL	18°, 87%, 60%
HSV	18°, 74%, 95%
XYZ	43.7888, 31.7382, 8.6687
YIQ	147.7460, 91.7880, 10.5400

Conversions

Conversions Part 2

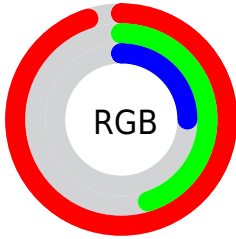
Format	Color
R _{YB}	242, 137, 64
Decimal	15889472
CIE _{Lab}	63.13, 45.11, 50.39
CIE _{LCh}	63, 67.628, 48.162
Y _{xy}	31.7382, 0.5201, 0.3770
Android (android.graphics.Color)	4294079552 (0xFFFF27440)
Y _{UV}	147.7460, -41.2868, 82.6608
Hunter-Lab	56.3367, 40.1534, 30.3126

Details

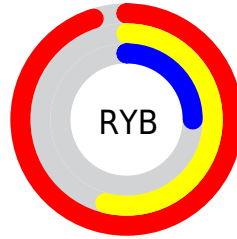
The Hex color **F27440** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **40BEF2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFAA72**, and **B33F0D** is the 20% darker color. If you saturate the color by 10%, you get **F26328**, and if you desaturate by 10%, it is **F28558**.

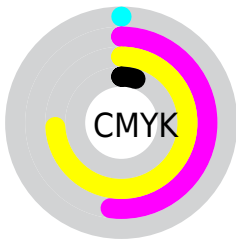
Distribution



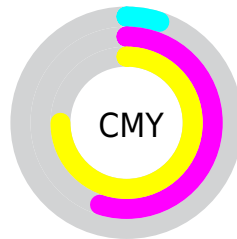
- Red (95%)
- Green (45%)
- Blue (25%)



- Red (95%)
- Yellow (54%)
- Blue (25%)



- Cyan (0%)
- Magenta (52%)
- Yellow (74%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color F27440 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 F27440 by changing the saturation by 10% instead.

 F27440

 F27440

FFFFFF

 D25A28

 FFAA72

 B33F0D

 FFC68D

 952400

 FFE3A7

 760000

 FFFFC3

 580000

 FFFFDF

 3C0001

FFFFFFC

 1D0001

 000000

 F27440

 F27440

 F26328

 F28558

 F25210

 F29670

 F24700

 F2A789

 F2B9A1

 F2CAB9

 F2DBD1

 F2ECE9

 F2FDFD

 F2FFFF

Harmonies

Analogous

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



FF5F77



F27440



CA8D0D

Triad

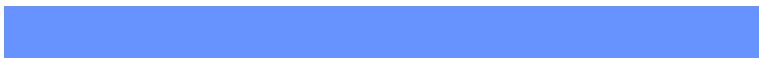
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F27440



00B37E



6693FF

Complementary

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



F27440



40BEF2

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.



00A7FF



F27440



00B5BD

Square

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



F27440



48AD42



00B1F2



C978EA

Rectangle

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



F27440



A79B00



00B1F2



0C9AFF

Sweetspot

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



F27440



FFD7C7



F240C0



80685E



000000



808080

Same Dimension

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



F27440



FF601F



F2CB40



786F6C



B83600



381000

Inverse Universe

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



40BEF2



1FBDFE



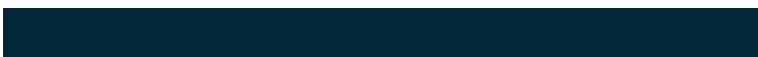
4067F2



6C7478



0082B8



002838

Previews

White Background



This preview shows how the Hex color F27440 looks on a white background.

Color Contrast Check

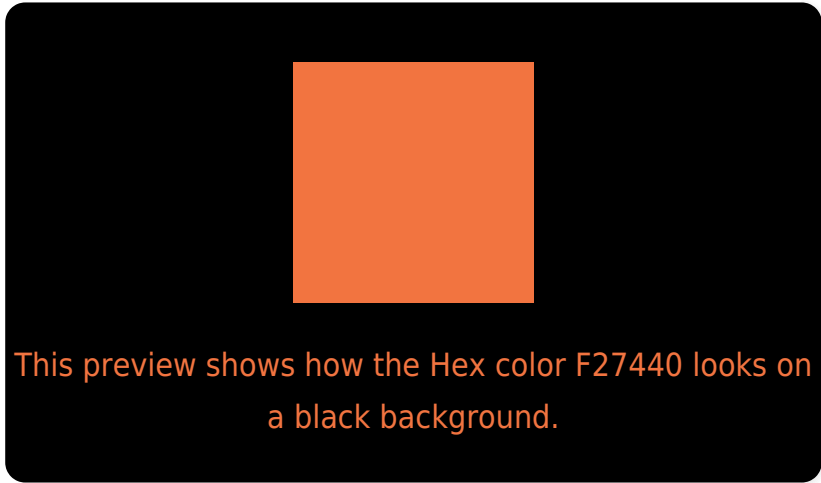
Large Text (above 18pt) WCAG AA × Fail

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

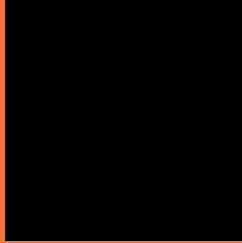
Any Text WCAG AA ✓ Pass

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 F27440 Background



This preview shows how black text looks on a background with the Hex color F27440.



This preview shows how white text looks on a background with the Hex color F27440.

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
F27440

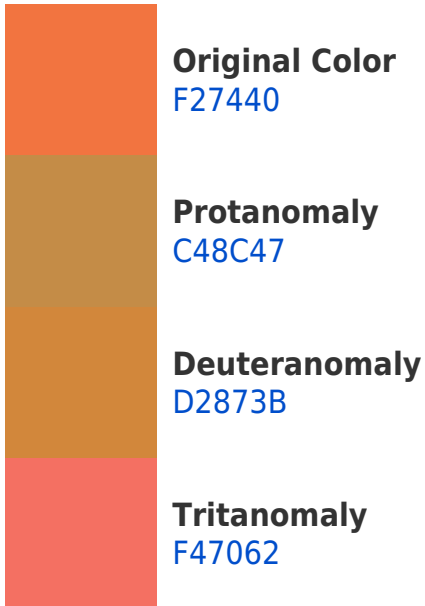
Protanopia
A9994B

Deuteranopia
BF9238

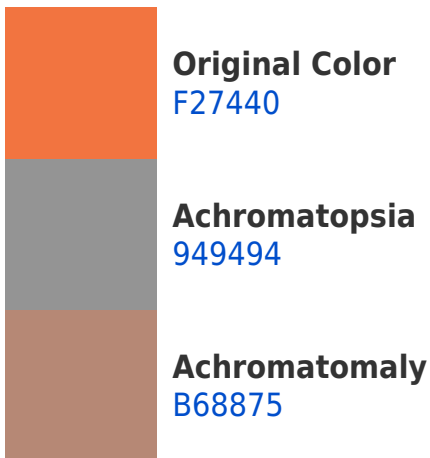


Tritanopia
F56E75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F27440 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 #F27440 looks like.

```
.text, #text, p{  
    color:#F27440  
}
```

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 #F27440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F27440
}
```

Border

The CSS property to change the border of an element to Hex F27440 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
#F27440 }
```

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

```
.border{ border-color:#F27440 }
```

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

Here you see how a box with a 4 pixel #F27440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F27440; -webkit-box-shadow:4px 4px  
4px 4px #F27440; box-shadow:4px 4px 4px  
4px #F27440 }
```

Background

The CSS property to change the background color of an element to Hex F27440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F27440 }
```

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

```
.background{ background-color:#F27440 }
```

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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