

Converting Colors

Hex(F46234)

Have a look what the booklet for
Hex(F46234) contains.

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Color

Hex(F46234)

Conversions

Conversions Part 1

Format	Color
Hex	F46234
RGB	244, 98, 52
RGB Percent	96%, 38%, 20%
CMY	0.0431, 0.6157, 0.7961
CMYK	0.00, 0.60, 0.79, 0.04
HSL	14°, 90%, 58%
HSV	14°, 79%, 96%
XYZ	42.2957, 28.2164, 6.4659
YIQ	136.4100, 101.7820, 16.6460

Conversions

Conversions Part 2

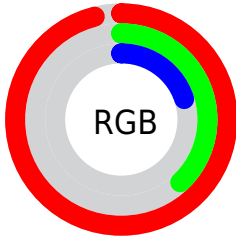
Format	Color
R_{YB}	244, 112, 52
Decimal	16015924
CIE _{Lab}	60.08, 53.78, 53.15
CIE _{LCh}	60, 75.614, 44.661
Yxy	28.2164, 0.5495, 0.3666
Android (android.graphics.Color)	4294206004 (0xFFFF46234)
YUV	136.4100, -41.6141, 94.3564
Hunter-Lab	53.1191, 49.1710, 29.9663

Details

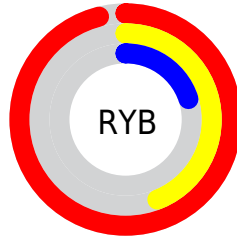
The Hex color **F46234** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **34C6F4**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9966**, and **B42900** is the 20% darker color. If you saturate the color by 10%, you get **F44F1C**, and if you desaturate by 10%, it is **F4754C**.

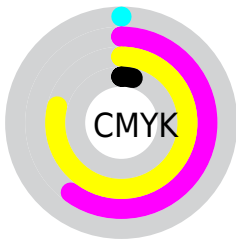
Distribution



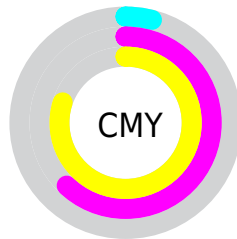
- Red (96%)
- Green (38%)
- Blue (20%)



- Red (96%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (79%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F46234 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 F46234 by changing the saturation by 10% instead.

 F46234

 F46234

FFFFFF

 D4461B

 FF9966

 B42900

 FFB580

 950000

 FFD29A

 760000

 FFEFB6

 570000

 FFFFD2

 3C0003

 FFFFEE

 170000

 000000

 F46234

 F46234

 F44F1C

 F4754C

 F43D03

 F48765

 F43A00

 F49A7D

 F4AC96

 F4BFAE

 F4D1C6

 F4E4DF

 F4F6F7

 F4FFFF

Harmonies

Analogous

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



FF4673



F46234



CA8100

Triad

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



F46234



00AC6B



248EFF

Complementary

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



F46234



34C6F4

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.



00A2FF



F46234



00AFB1

Square

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



F46234



3DA624



00ACEE



BC6EF1

Rectangle

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



F46234



A59100



00ACEE



0096FF

Sweetspot

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



F46234



FFD0C2



F434C7



80635B



000000



808080

Same Dimension

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



F46234



FF490F



F4C134



7A716E



BA2D00



3B0E00

Inverse Universe

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



34C6F4



0FC6FF



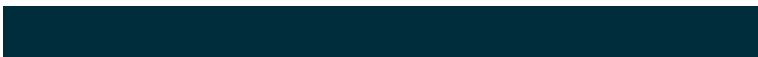
3467F4



6E777A



008EBA



002D3B

Previews

White Background



This preview shows how the Hex color F46234 looks on a white background.

Color Contrast Check

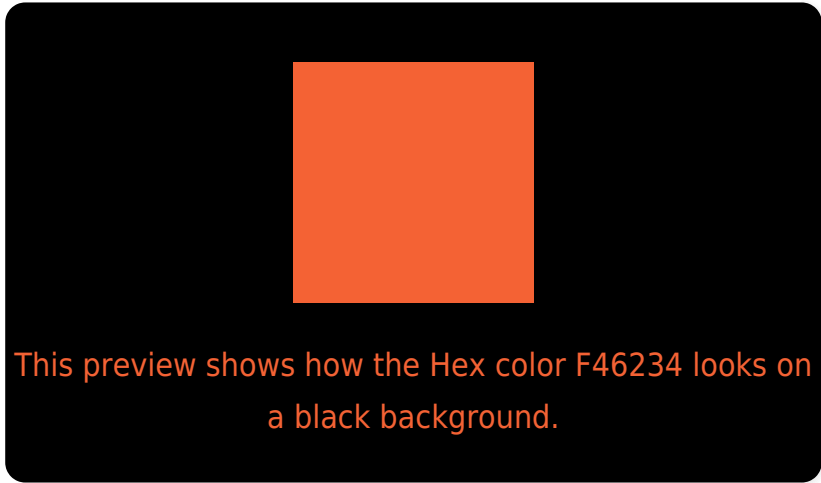
Large Text (above 18pt) WCAG AA ✓ Pass

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 F46234 Background



This preview shows how black text looks on a background with the Hex color F46234.



This preview shows how white text looks on a background with the Hex color F46234.

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
F46234

Protanopia
A19141

Deuteranopia
B68A28



Tritanopia
F65D62

Trichromacy



Original Color
F46234

Protanomaly
BF803C

Deuteranomaly
CD7B2C

Tritanomaly
F55F51

Monochromacy



Original Color
F46234

Achromatopsia
888888

Achromatomaly
AF7A69

CSS Examples

Text

The CSS property to change the color of the text to Hex F46234 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 #F46234 looks like.

```
.text, #text, p{  
    color:#F46234  
}
```

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 #F46234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F46234
}
```

Border

The CSS property to change the border of an element to Hex F46234 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
#F46234 }
```

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

```
.border{ border-color:#F46234 }
```

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

Here you see how a box with a 4 pixel #F46234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F46234; -webkit-box-shadow:4px 4px  
4px 4px #F46234; box-shadow:4px 4px 4px  
4px #F46234 }
```

Background

The CSS property to change the background color of an element to Hex F46234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F46234 }
```

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

```
.background{ background-color:#F46234 }
```

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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