

Converting Colors

Hex(F2734E)

Have a look what the booklet for
Hex(F2734E) contains.

Hex(F2734E)	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(F2734E)

Conversions

Conversions Part 1

Format	Color
Hex	F2734E
RGB	242, 115, 78
RGB Percent	95%, 45%, 31%
CMY	0.0510, 0.5490, 0.6941
CMYK	0.00, 0.52, 0.68, 0.05
HSL	14°, 86%, 63%
HSV	14°, 68%, 95%
XYZ	44.1238, 31.6888, 10.9987
YIQ	148.7550, 87.5690, 15.4170

Conversions

Conversions Part 2

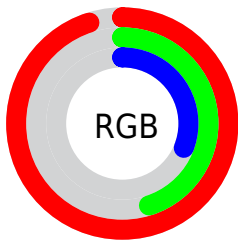
Format	Color
R _Y B	242, 126, 78
Decimal	15889230
CIE Lab	63.08, 46.27, 43.21
CIE LCh	63, 63.307, 43.041
Yxy	31.6888, 0.5083, 0.3650
Android (android.graphics.Color)	4294079310 (0xFFFF2734E)
YUV	148.7550, -34.8822, 81.7759
Hunter-Lab	56.2928, 41.4008, 27.8206

Details

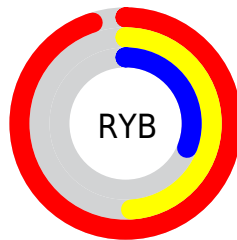
The Hex color **F2734E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **4ECDF2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FFAA80**, and **B43E1F** is the 20% darker color. If you saturate the color by 10%, you get **F26036**, and if you desaturate by 10%, it is **F28666**.

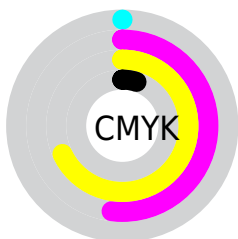
Distribution



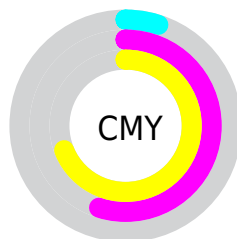
- Red (95%)
- Green (45%)
- Blue (31%)



- Red (95%)
- Yellow (49%)
- Blue (31%)



- Cyan (0%)
- Magenta (52%)
- Yellow (68%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2734E 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 F2734E by changing the saturation by 10% instead.

 F2734E

 F2734E

FFFFFF

 D35836

 FFAA80

 B43E1F

 FFC69B

 952207

 FFE2B6

 770000

 FFFFD2

 590000

 FFFFEE

 3D0001

 1E0001

 000000

 F2734E

 F2734E

 F26036

 F28666

 F24E1E

 F2987E

 F23B05

 F2AB97

 F23700

 F2BEAF

 F2D1C7

 F2E3DF

 F2F6F7

 F2FFFF

Harmonies

Analogous

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



FF6382



F2734E



CF8A24

Triad

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



F2734E



00B176



5597FF

Complementary

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



F2734E



4ECDF2

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.



00A8FF



F2734E



00B3B0

Square

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



F2734E



5FAA40



00B1E4



BB7FEC

Rectangle

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



F2734E



B09816



00B1E4



009DFF

Sweetspot

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



F2734E



FFD8CC



F24ECE



806861



000000



808080

Same Dimension

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



F2734E



FF5F30



F2C44E



786F6C



B82900



380D00

Inverse Universe

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



4ECDF2



30D0FF



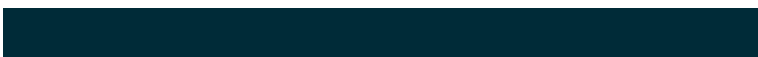
4E7CF2



6C7578



008EB8



002B38

Previews

White Background



This preview shows how the Hex color F2734E 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 F2734E Background



This preview shows how black text looks on a background with the Hex color F2734E.

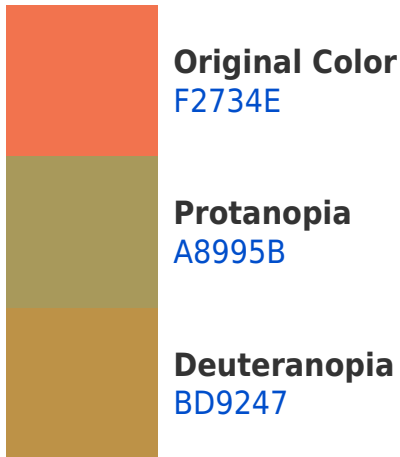


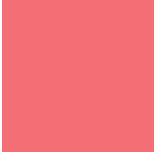
This preview shows how white text looks on a background with the Hex color F2734E.

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





Tritanopia
F46E75

Trichromacy



Original Color
F2734E

Protanomaly
C38B56

Deuteranomaly
D0874A

Tritanomaly
F37067

Monochromacy



Original Color
F2734E

Achromatopsia
959595

Achromatomaly
B7897B

CSS Examples

Text

The CSS property to change the color of the text to Hex F2734E 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 #F2734E looks like.

```
.text, #text, p{  
    color:#F2734E  
}
```

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 #F2734E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2734E
}
```

Border

The CSS property to change the border of an element to Hex F2734E 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
#F2734E }
```

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

```
.border{ border-color:#F2734E }
```

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

Here you see how a box with a 4 pixel #F2734E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2734E; -webkit-box-shadow:4px 4px  
4px 4px #F2734E; box-shadow:4px 4px 4px  
4px #F2734E }
```

Background

The CSS property to change the background color of an element to Hex F2734E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2734E }
```

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

```
.background{ background-color:#F2734E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor