

Converting Colors

Hex(EF7245)

Have a look what the booklet for
Hex(EF7245) contains.

Hex(EF7245)	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(EF7245)

Conversions

Conversions Part 1

Format	Color
Hex	EF7245
RGB	239, 114, 69
RGB Percent	94%, 45%, 27%
CMY	0.0627, 0.5529, 0.7294
CMYK	0.00, 0.52, 0.71, 0.06
HSL	16°, 84%, 60%
HSV	16°, 71%, 94%
XYZ	42.6881, 30.8150, 9.3282
YIQ	146.2450, 88.9450, 12.5050

Conversions

Conversions Part 2

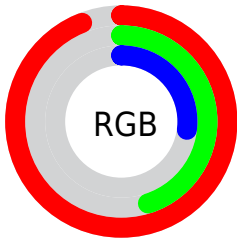
Format	Color
R_{YB}	239, 130, 69
Decimal	15692357
CIE _{Lab}	62.35, 45.19, 46.92
CIE _{LCh}	62, 65.141, 46.079
Yxy	30.8150, 0.5154, 0.3720
Android (android.graphics.Color)	4293882437 (0xFFEF7245)
YUV	146.2450, -38.0818, 81.3461
Hunter-Lab	55.5113, 40.1215, 28.8947

Details

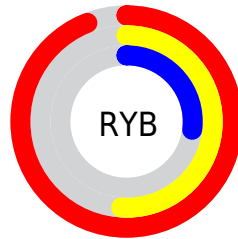
The Hex color **EF7245** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **45C2EF**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA877**, and **B13D15** is the 20% darker color. If you saturate the color by 10%, you get **EF602D**, and if you desaturate by 10%, it is **EF845D**.

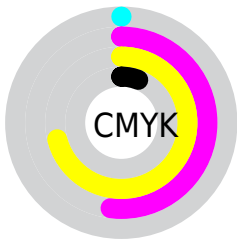
Distribution



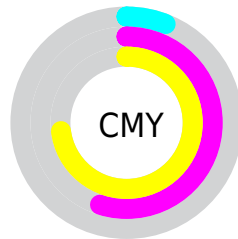
- Red (94%)
- Green (45%)
- Blue (27%)



- Red (94%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (71%)
- Black (6%)



- Cyan (6%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color EF7245 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 EF7245 by changing the saturation by 10% instead.

 EF7245

 EF7245

FFFFFF

 D0582D

 FFA877

 B13D15

 FFC491

 922200

 FFE1AC

 740000

 FFFEC8

 560000

 FFFFEE4

 3B0001

 190001

 000000

 EF7245

 EF7245

 EF602D

 EF845D

 EF4F15

 EF9575

 EF3F00

 EFA78D

 EFB8A5

 EFCABC

 EFDDBD4

 EFEDEC

 EFFFFFF

Harmonies

Analogous

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



FF5F7A



EF7245



CA8A18

Triad

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



EF7245



00B079



5E93FF

Complementary

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



EF7245



45C2EF

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



EF7245



00B2B5

Square

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



EF7245



51AA41



00AFE9



C179E8

Rectangle

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



EF7245



A99808



00AFE9



009AFF

Sweetspot

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



EF7245



FFD8C9



EF45C4



806860



000000



808080

Same Dimension

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



EF7245



FF6026



EFC445



786F6C



B83100



380F00

Inverse Universe

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



45C2EF



26C6FF



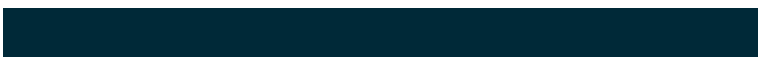
456FEF



6C7578



0087B8



002938

Previews

White Background



This preview shows how the Hex color EF7245 looks on a white background.

Color Contrast Check

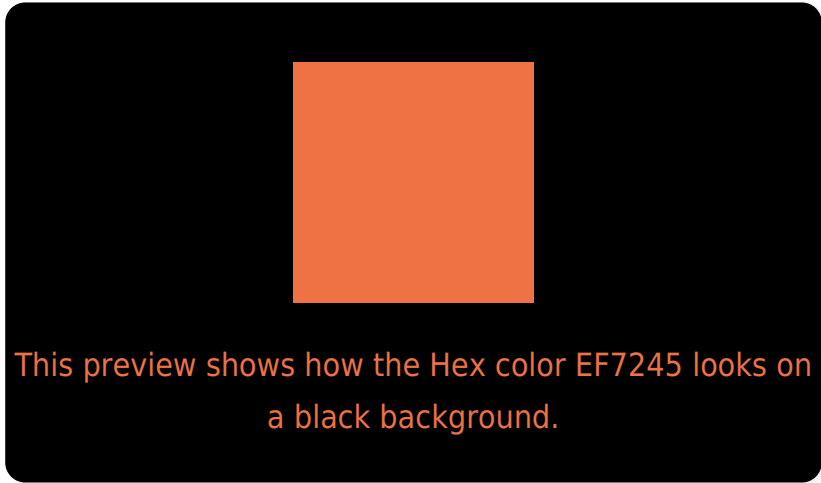
Large Text (above 18pt) WCAG AA × Fail

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 EF7245 Background



This preview shows how black text looks on a background with the Hex color EF7245.



This preview shows how white text looks on a background with the Hex color EF7245.

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
EF7245

Protanopia
A79751

Deuteranopia
BC903E



Tritanopia
F16C74

Trichromacy



Original Color
EF7245



Protanomaly
C18A4D



Deuteranomaly
CF8541

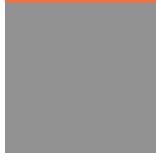


Tritanomaly
F06E63

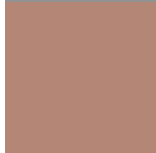
Monochromacy



Original Color
EF7245



Achromatopsia
929292



Achromatomaly
B48676

CSS Examples

Text

The CSS property to change the color of the text to Hex EF7245 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 #EF7245 looks like.

```
.text, #text, p{  
    color:#EF7245  
}
```

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 #EF7245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF7245
}
```

Border

The CSS property to change the border of an element to Hex EF7245 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
#EF7245 }
```

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

```
.border{ border-color:#EF7245 }
```

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

Here you see how a box with a 4 pixel #EF7245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF7245; -webkit-box-shadow:4px 4px  
4px 4px #EF7245; box-shadow:4px 4px 4px  
4px #EF7245 }
```

Background

The CSS property to change the background color of an element to Hex EF7245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF7245 }
```

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

```
.background{ background-color:#EF7245 }
```

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