

Converting Colors

Hex(FEA166)

Have a look what the booklet for
Hex(FEA166) contains.

| | |
|------------------------------------------------|----|
| Hex(FEA166) | 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(FEA166)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FEA166 |
| RGB | 254, 161, 102 |
| RGB Percent | 100%, 63%, 40% |
| CMY | 0.0039, 0.3686, 0.6000 |
| CMYK | 0.00, 0.37, 0.60, 0.00 |
| HSL | 23°, 99%, 70% |
| HSV | 23°, 60%, 100% |
| XYZ | 56.0162, 47.5199, 18.7903 |
| YIQ | 182.0810, 74.3670, 1.3670 |

Conversions

Conversions Part 2

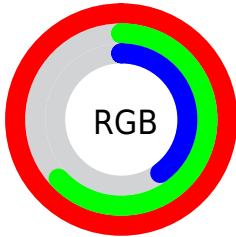
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 254, 198, 102 |
| Decimal | 16687462 |
| CIE _{Lab} | 74.52, 29.03, 44.72 |
| CIE _{LCh} | 75, 53.317, 57.011 |
| Yxy | 47.5199, 0.4579, 0.3885 |
| Android (android.graphics.Color) | 4294877542 (0xFFFEA166) |
| YUV | 182.0810, -39.4799, 63.0730 |
| Hunter-Lab | 68.9347, 24.4131, 32.0930 |

Details

The Hex color **FEA166** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66C3FE**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD89A**, and **C16D35** is the 20% darker color. If you saturate the color by 10%, you get **FE914D**, and if you desaturate by 10%, it is **FEB17F**.

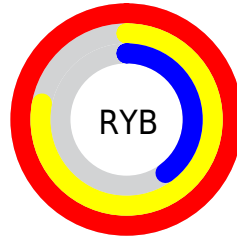
Distribution



Red (100%)

Green (63%)

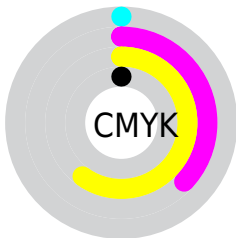
Blue (40%)



Red (100%)

Yellow (78%)

Blue (40%)

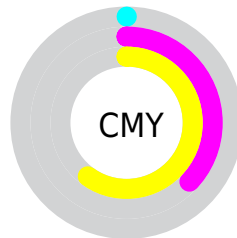


Cyan (0%)

Magenta (37%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEA166 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 FEA166 by changing the saturation by 10% instead.

 FEA166

 FEA166

FFFFFF

 DF864D

 FFD89A

 C16D35

 FFF5B6

 A3541C

 FFFFD1

 863C02

 FFFFEE

 6A2400

 4D0C00

 320000

 0E0000

 000000

 FE A166

 FE A166

 FE 914D

 FE B17F

 FE 8233

 FE C099

 FE 721A

 FE D0B2

 FE 6300

 FE DFCC

 FE EFE5

FE FEFE

FE FFFF

Harmonies

Analogous

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



FF928D



FEA166



D9B352

Triad

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



FEA166



00D0B1



B3ACFF

Complementary

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



FEA166



66C3FE

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.



50BEFF



FEA166



00D0E2

Square

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



FEA166



6BCB80



00CAFF



EF9AED

Rectangle

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



FEA166



B9BD56



00CAFF



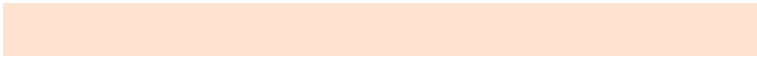
98B3FF

Sweetspot

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



FEA166



FFE3D1



FE66C4



806E63



000000



808080

Same Dimension

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



FEA166



FF8F47



FEEC66



807873



BF4A00



401900

Inverse Universe

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



66C3FE



47B8FF



6678FE



737B80



0075BF



002740

Previews

White Background



This preview shows how the Hex color FEA166 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

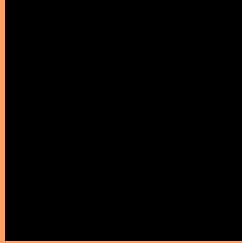
Any Text WCAG AA ✓ Pass

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 FEA166 Background



This preview shows how black text looks on a background with the Hex color FEA166.

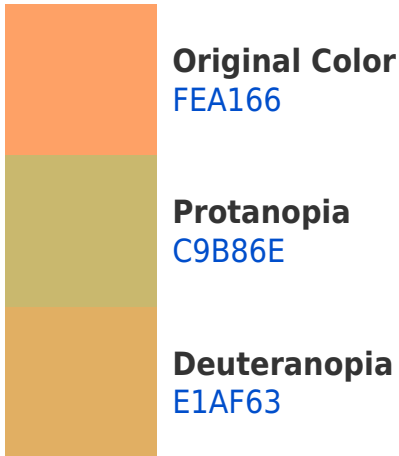


This preview shows how white text looks on a background with the Hex color FEA166.

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](#).

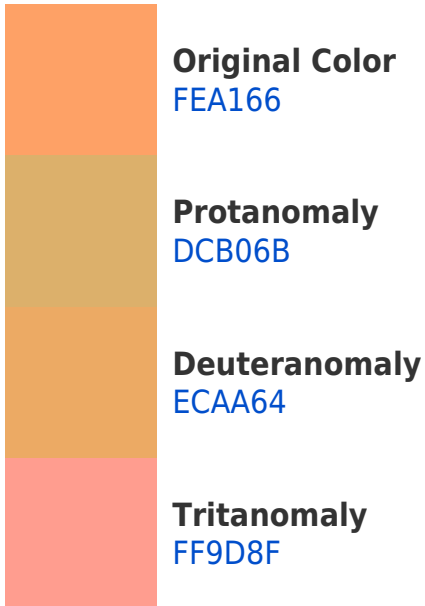
Dichromacy





Tritanopia
FF9BA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FEA166 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 #FEA166 looks like.

```
.text, #text, p{  
    color:#FEA166  
}
```

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 #FEA166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEA166  
}
```

Border

The CSS property to change the border of an element to Hex FEA166 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  
#FEA166 }
```

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

```
.border{ border-color:#FEA166 }
```

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

Here you see how a box with a 4 pixel #FEA166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEA166; -webkit-box-shadow:4px 4px  
4px 4px #FEA166; box-shadow:4px 4px 4px  
4px #FEA166 }
```

Background

The CSS property to change the background color of an element to Hex FEA166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEA166 }
```

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

```
.background{ background-color:#FEA166 }
```

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