

Converting Colors

Hex(FFA045)

Have a look what the booklet for
Hex(FFA045) contains.

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Color

Hex(FFA045)

Conversions

Conversions Part 1

Format	Color
Hex	FFA045
RGB	255, 160, 69
RGB Percent	100%, 63%, 27%
CMY	0.0000, 0.3725, 0.7294
CMYK	0.00, 0.37, 0.73, 0.00
HSL	29°, 100%, 64%
HSV	29°, 73%, 100%
XYZ	54.8850, 46.8313, 11.7768
YIQ	178.0310, 85.8310, -8.1610

Conversions

Conversions Part 2

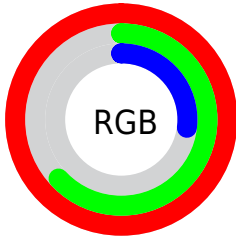
Format	Color
R _Y B	255, 247, 69
Decimal	16752709
CIE Lab	74.08, 28.08, 60.02
CIE LCh	74, 66.267, 64.927
Yxy	46.8313, 0.4836, 0.4126
Android (android.graphics.Color)	4294942789 (0xFFFFA045)
YUV	178.0310, -53.7523, 67.5018
Hunter-Lab	68.4334, 23.4022, 37.7001

Details

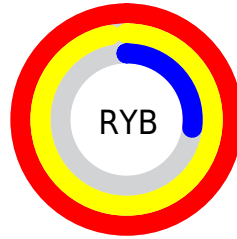
The Hex color **FFA045** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **45A4FF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFD77A**, and **C16C09** is the 20% darker color. If you saturate the color by 10%, you get **FF932B**, and if you desaturate by 10%, it is **FFAD5E**.

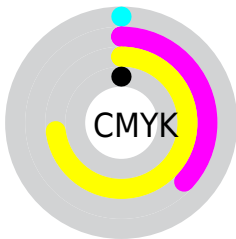
Distribution



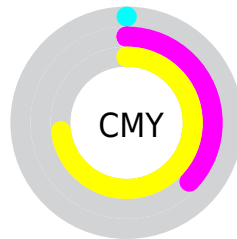
- Red (100%)
- Green (63%)
- Blue (27%)



- Red (100%)
- Yellow (97%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (73%)
- Black (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA045 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 FFA045 by changing the saturation by 10% instead.

 FFA045

 FFA045

FFFFFF

 E0862A

 FFD77A

 C16C09

 FFF495

 A25300

 FFFF80

 853B00

 FFFFCD

 672400

 FFFFE9

 4B0C00

 310000

 070000

 000000

FFA045

FFA045

FF932B

FFAD5E

FF8612

FFBA78

FF7D00

FFC792

FFD4AB

FFE1C4

FFEEDE

FFFBF7

FFFFFF

Harmonies

Analogous

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



FF8974



FFA045



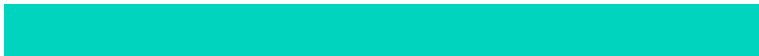
CDB631

Triad

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



FFA045



00D4BF



C6A2FF

Complementary

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



FFA045



45A4FF

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.



40BAFF



FFA045



00D2FA

Square

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



FFA045



1CD080



00CAFF



FF89EB

Rectangle

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



FFA045



A5C23E



00CAFF



A5AAFF

Sweetspot

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



FFA045



FFE2C7



FF45A5



806F5E



000000



808080

Same Dimension

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



FFA045



FF8C1F



FFFC45



807973



BF5E00



401F00

Inverse Universe

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



45A4FF



1F91FF



4548FF



737980



0062BF



002140

Previews

White Background



This preview shows how the Hex color FFA045 looks on a white background.

Color Contrast Check

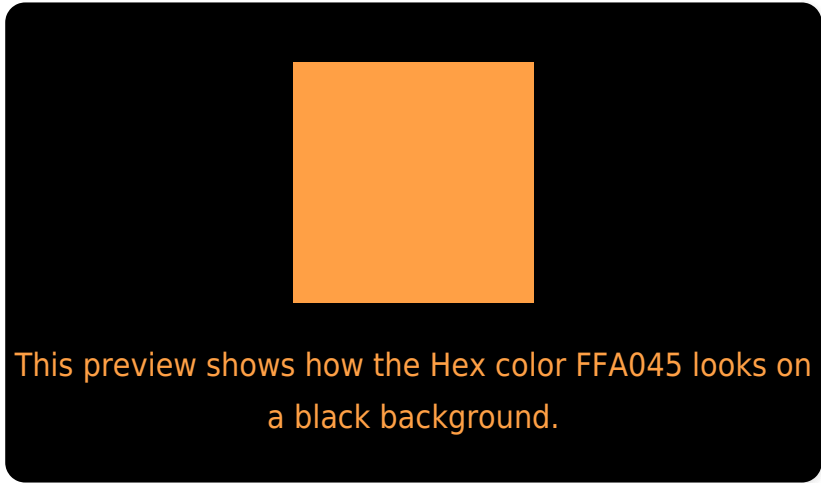
Large Text (above 18pt) WCAG AA × Fail

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 FFA045 Background



This preview shows how black text looks on a background with the Hex color FFA045.

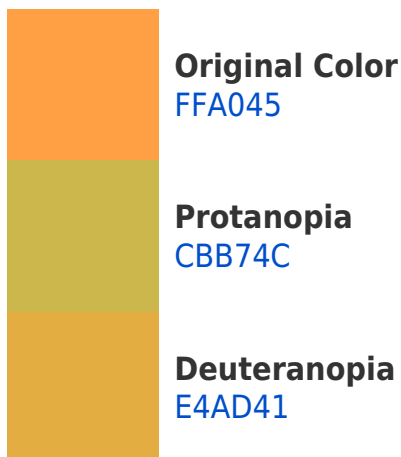


This preview shows how white text looks on a background with the Hex color FFA045.

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](#).

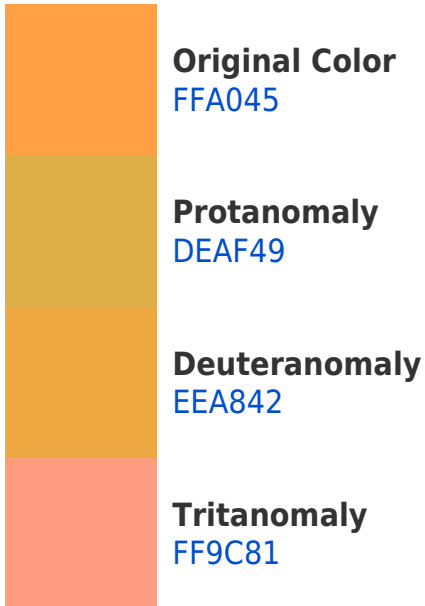
Dichromacy



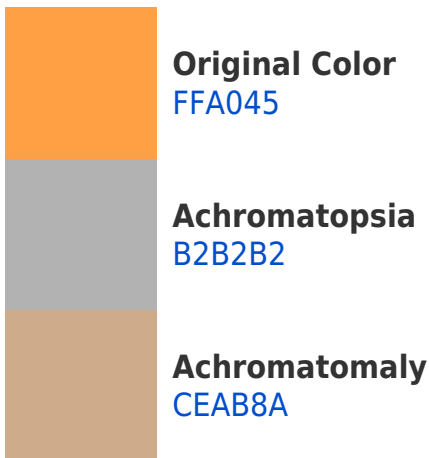


Tritanopia
FF99A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA045 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 #FFA045 looks like.

```
.text, #text, p{  
    color:#FFA045  
}
```

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 #FFA045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA045
}
```

Border

The CSS property to change the border of an element to Hex FFA045 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
#FFA045 }
```

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

```
.border{ border-color:#FFA045 }
```

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

Here you see how a box with a 4 pixel #FFA045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA045; -webkit-box-shadow:4px 4px  
4px 4px #FFA045; box-shadow:4px 4px 4px  
4px #FFA045 }
```

Background

The CSS property to change the background color of an element to Hex FFA045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA045 }
```

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

```
.background{ background-color:#FFA045 }
```

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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