

Converting Colors

Hex(FEA306)

Have a look what the booklet for
Hex(FEA306) contains.

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Color

Hex(FEA306)

Conversions

Conversions Part 1

Format	Color
Hex	FEA306
RGB	254, 163, 6
RGB Percent	100%, 64%, 2%
CMY	0.0039, 0.3608, 0.9765
CMYK	0.00, 0.36, 0.98, 0.00
HSL	38°, 99%, 51%
HSV	38°, 98%, 100%
XYZ	54.0031, 47.2784, 6.4517
YIQ	172.3110, 104.6330, -29.5350

Conversions

Conversions Part 2

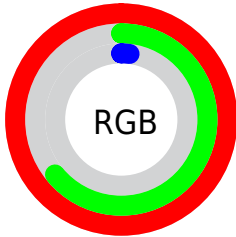
Format	Color
RYB	150, 254, 6
Decimal	16687878
CIELab	74.37, 24.61, 77.83
CIELCh	74, 81.632, 72.455
Yxy	47.2784, 0.5013, 0.4388
Android (android.graphics.Color)	4294877958 (0xFFFEA306)
YUV	172.3110, -81.9913, 71.6413
Hunter-Lab	68.7593, 19.8641, 42.5683

Details

The Hex color **FEA306** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0661FE**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFDA51**, and **BF6F00** is the 20% darker color. If you saturate the color by 10%, you get **FEA100**, and if you desaturate by 10%, it is **FEAC1F**.

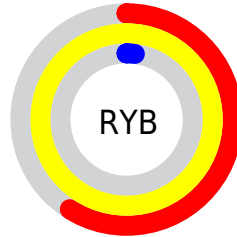
Distribution



Red (100%)

Green (64%)

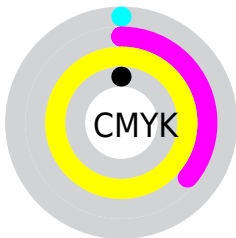
Blue (2%)



Red (59%)

Yellow (100%)

Blue (2%)

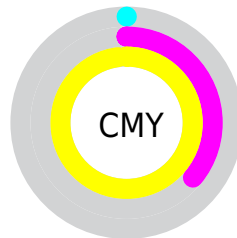


Cyan (0%)

Magenta (36%)

Yellow (98%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEA306 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 FEA306 by changing the saturation by 10% instead.

 FEA306

 FEA306

FFFFFF

 DE8900

 FFDA51

 BF6F00

 FFF66D

 A05600

 FFFF8A

 823F00

 FFFFA6

 642800

 FFFFC3

 481200

 FFFFEO

 2E0000

FFFFFFE

 010000

 000000

 FEA306

 FEA306

 FEA100

 FEAC1F

 FEB639

 FEBF52

 FEC86C

 FED285

 FEDB9E

 FEE4B8

 FEEED1

 FEF7EB

Harmonies

Analogous

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



FF8254



FEA306



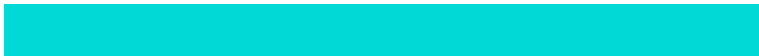
BDBD00

Triad

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



FEA306



00D9D5



E194FF

Complementary

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



FEA306



0661FE

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.



3FB5FF



FEA306



00D7FF

Square

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



FEA306



00D787



00CCFF



FF72E6

Rectangle

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



FEA306



88C921



00CCFF



BDA0FF

Sweetspot

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



FEA306



FFE4B5



FE0665



806F53



000000



808080

Same Dimension

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



FEA306



FFA100



E1FE06



807B73



BF7900



402800

Inverse Universe

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



0661FE



005EFF



2306FE



737780



0046BF



001740

Previews

White Background



This preview shows how the Hex color FEA306 looks on a white background.

Color Contrast Check

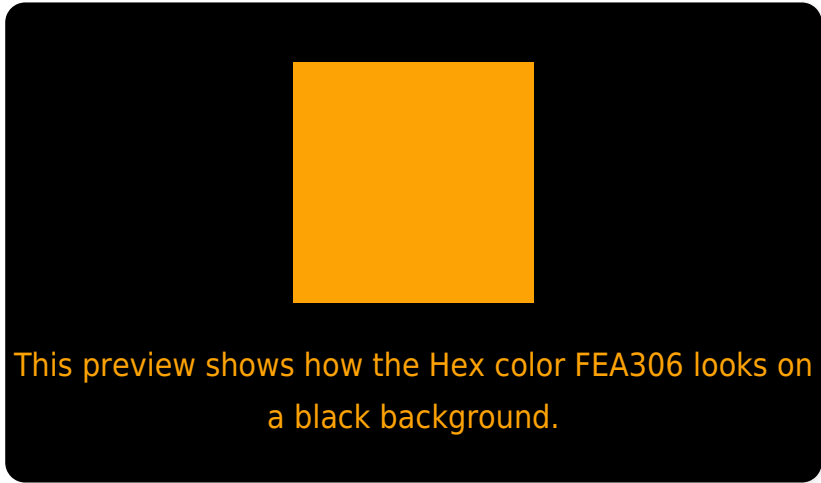
Large Text (above 18pt) WCAG AA × Fail

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 FEA306 Background



This preview shows how black text looks on a background with the Hex color FEA306.



This preview shows how white text looks on a background with the Hex color FEA306.

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
FEA306

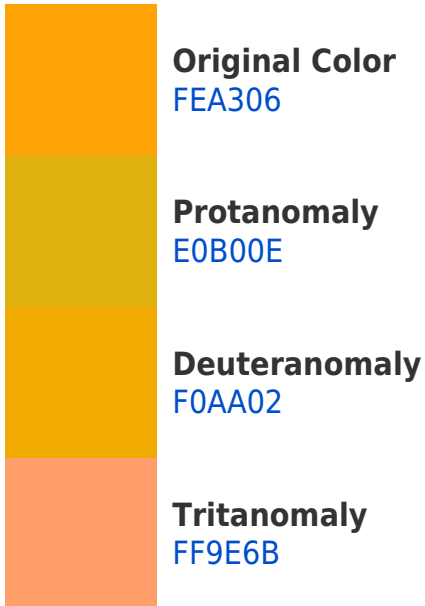
Protanopia
CFB813

Deuteranopia
E8AE00

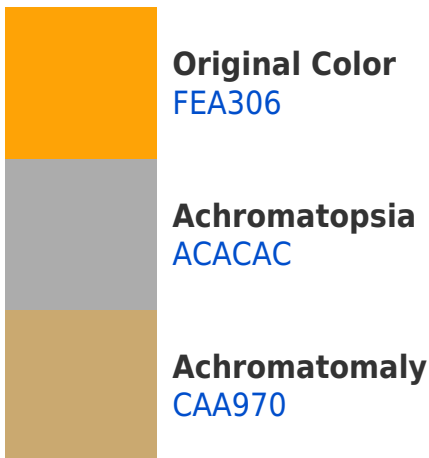


Tritanopia
FF9BA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FEA306 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 #FEA306 looks like.

```
.text, #text, p{  
    color:#FEA306  
}
```

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 #FEA306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEA306
}
```

Border

The CSS property to change the border of an element to Hex FEA306 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
#FEA306 }
```

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

```
.border{ border-color:#FEA306 }
```

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

Here you see how a box with a 4 pixel #FEA306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEA306; -webkit-box-shadow:4px 4px  
4px 4px #FEA306; box-shadow:4px 4px 4px  
4px #FEA306 }
```

Background

The CSS property to change the background color of an element to Hex FEA306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEA306 }
```

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

```
.background{ background-color:#FEA306 }
```

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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