

# Converting Colors

Hex(FEA432)

Have a look what the booklet for  
Hex(FEA432) contains.

<b>Hex(FEA432)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FEA432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEA432
RGB	254, 164, 50
RGB Percent	100%, 64%, 20%
CMY	0.0039, 0.3569, 0.8039
CMYK	0.00, 0.35, 0.80, 0.00
HSL	34°, 99%, 60%
HSV	34°, 80%, 100%
XYZ	54.7242, 47.8520, 9.3697
YIQ	177.9140, 90.2340, -16.3740

# Conversions

## Conversions Part 2

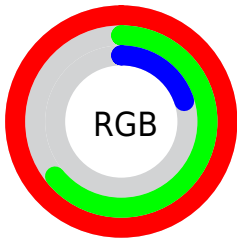
Format	Color
R <sub>Y</sub> B	211, 254, 50
Decimal	16688178
CIE Lab	74.73, 24.87, 68.14
CIE LCh	75, 72.534, 69.944
Yxy	47.8520, 0.4888, 0.4275
Android (android.graphics.Color)	4294878258 (0xFFFEA432)
YUV	177.9140, -63.0616, 66.7274
Hunter-Lab	69.1752, 20.1542, 40.3919

# Details

The Hex color **FEA432** 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 **328CFE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDB69**, and **C07000** is the 20% darker color. If you saturate the color by 10%, you get **FE9919**, and if you desaturate by 10%, it is **FEAF4B**.

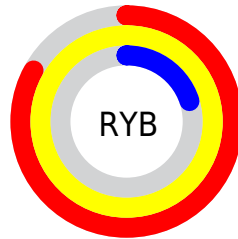
# Distribution



Red (100%)

Green (64%)

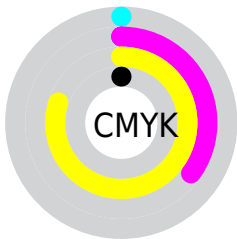
Blue (20%)



Red (83%)

Yellow (100%)

Blue (20%)

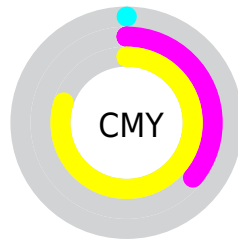


Cyan (0%)

Magenta (35%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEA432 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 FEA432 by changing the saturation by 10% instead.



 FEA432

 FEA432

FFFFFF

 DF8A0F

 FFDB69

 C07000

 FFF885

 A15700

 FFFFA0

 833F00

 FFFFBD

 662900

 FFFFD9

 491200

 FFFFF7

 2F0000

 060000

 000000

 FEA432

 FEA432

 FE9919

 FEAF4B

 FE8E00

 FEBA65

 FEC67E

 FED198

 FEDCB1

 FEE7CA

 FEF2E4

 FEFEFD

 FEFFFF

# Harmonies

## Analogous

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



FF8965



FEA432



C5BC1F

# Triad

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



FEA432



00D8CD



D79CFF

# Complementary

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



FEA432



328CFE

# 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.



51B8FF



FEA432



00D5FF

# Square

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



FEA432



00D587



00CBFF



FF81E7

# Rectangle

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



FEA432



97C738



00CBFF



B7A6FF



# Sweetspot

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



FEA432



FFE4C2



FE328E



806F5B



000000



808080



# Same Dimension

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



FEA432



FF930A



F4FE32



807A73



BF6B00



402400



# Inverse Universe

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



328CFE



0A76FF



3C32FE



737880



0054BF



001C40



# Previews

## White Background



This preview shows how the Hex color FEA432 looks on a white background.

## Color Contrast Check

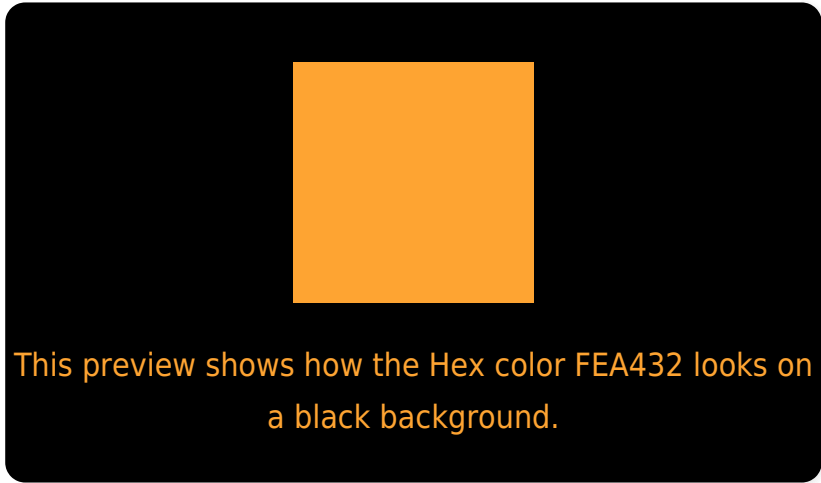
Large Text (above 18pt) WCAG AA × Fail

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 FEA432 Background



This preview shows how black text looks on a background with the Hex color FEA432.

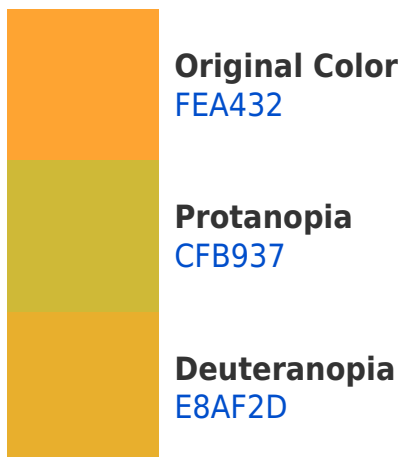


This preview shows how white text looks on a background with the Hex color FEA432.

# 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](#).

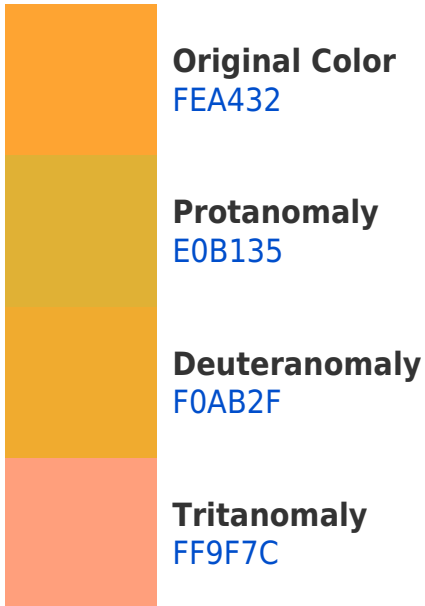
## Dichromacy



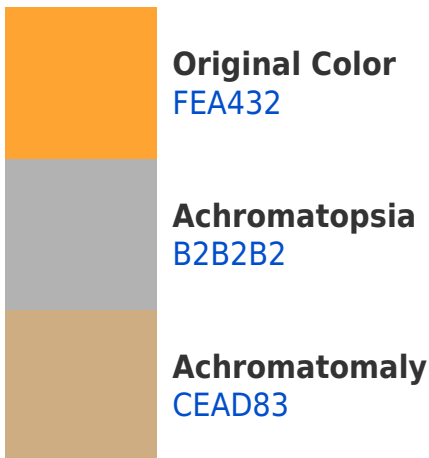


**Tritanopia**  
FF9CA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEA432 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 #FEA432 looks like.

```
.text, #text, p{  
    color:#FEA432  
}
```

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 #FEA432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEA432
}
```

## Border

The CSS property to change the border of an element to Hex FEA432 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
#FEA432 }
```

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

```
.border{ border-color:#FEA432 }
```

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

Here you see how a box with a 4 pixel #FEA432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEA432; -webkit-box-shadow:4px 4px  
4px 4px #FEA432; box-shadow:4px 4px 4px  
4px #FEA432 }
```

# Background

The CSS property to change the background color of an element to Hex FEA432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEA432 }
```

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

```
.background{ background-color:#FEA432 }
```

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