

Converting Colors

Hex(FFA033)

Have a look what the booklet for
Hex(FFA033) contains.

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Color

Hex(FFA033)

Conversions

Conversions Part 1

Format	Color
Hex	FFA033
RGB	255, 160, 51
RGB Percent	100%, 63%, 20%
CMY	0.0000, 0.3725, 0.8000
CMYK	0.00, 0.37, 0.80, 0.00
HSL	32°, 100%, 60%
HSV	32°, 80%, 100%
XYZ	54.4083, 46.6406, 9.2669
YIQ	175.9790, 91.6090, -13.7590

Conversions

Conversions Part 2

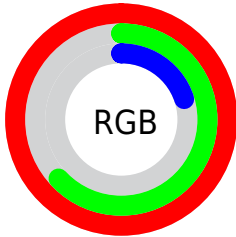
Format	Color
<code>RGB</code>	<code>229, 255, 51</code>
Decimal	<code>16752691</code>
CIE Lab	<code>73.96, 27.40, 67.13</code>
CIE LCh	<code>74, 72.505, 67.795</code>
Yxy	<code>46.6406, 0.4932, 0.4228</code>
Android (<code>android.graphics.Color</code>)	<code>4294942771</code> (<code>0xFFFFA033</code>)
YUV	<code>175.9790, -61.6146, 69.3014</code>
Hunter-Lab	<code>68.2939, 22.6928, 39.7606</code>

Details

The Hex color **FFA033** 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 **3392FF**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFD76A**, and **C06C00** is the 20% darker color. If you saturate the color by 10%, you get **FF9419**, and if you desaturate by 10%, it is **FFAC4D**.

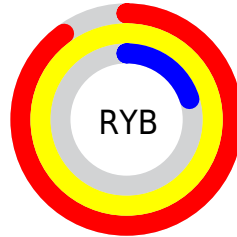
Distribution



Red (100%)

Green (63%)

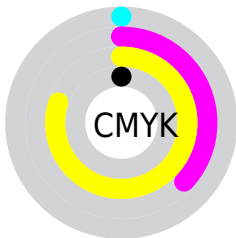
Blue (20%)



Red (90%)

Yellow (100%)

Blue (20%)

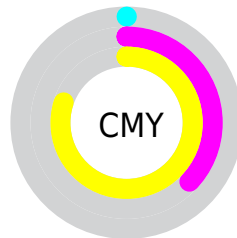


Cyan (0%)

Magenta (37%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA033 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 FFA033 by changing the saturation by 10% instead.

 FFA033

 FFA033

FFFFFF

 DF8612

 FFD76A

 C06C00

 FFF485

 A25300

 FFFFA1

 843C00

 FFFFBD

 662400

 FFFFDA

 4A0D00

 FFFFF7

 300000

 040000

 000000

 FFA033

 FFA033

 FF9419

 FFAC4D

 FF8800

 FFB866

 FFC480

 FFD099

 FFDBB3

 FFE7CC

 FFF3E6

FFFFFF

Harmonies

Analogous

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



FF8568



FFA033



C7B81B

Triad

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



FFA033



00D5C6



CF9CFF

Complementary

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



FFA033



3392FF

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.



37B8FF



FFA033



00D3FF

Square

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



FFA033



00D281



00CAFF



FF80EA

Rectangle

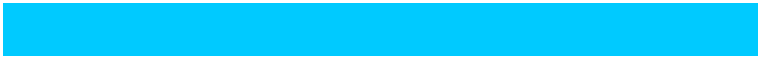
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA033



9AC432



00CAFF



ACA6FF

Sweetspot

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



FFA033



FFE3C2



FF3392



806E5B



000000



808080

Same Dimension

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



FFA033



FF8D0A



F8FF33



807A73



BF6600



402200

Inverse Universe

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



3392FF



0A7CFF



3A33FF



737980



0059BF



001E40

Previews

White Background



This preview shows how the Hex color FFA033 looks on a white background.

Color Contrast Check

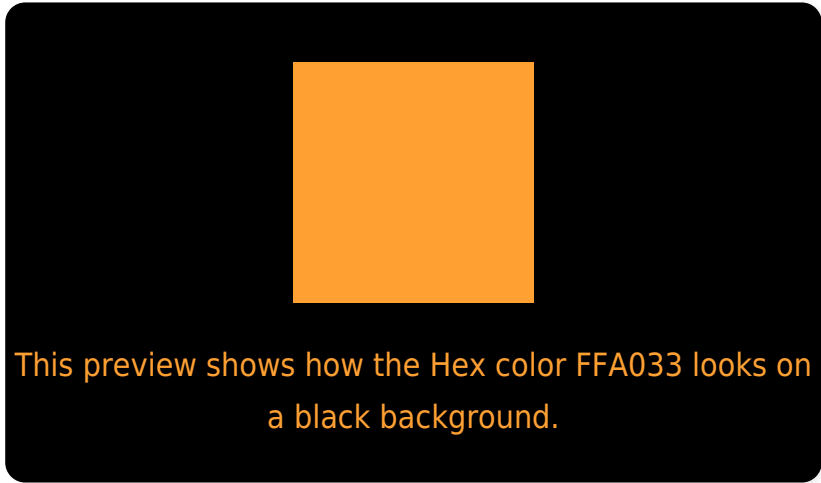
Large Text (above 18pt) WCAG AA × Fail

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 FFA033 Background



This preview shows how black text looks on a background with the Hex color FFA033.



This preview shows how white text looks on a background with the Hex color FFA033.

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
FFA033

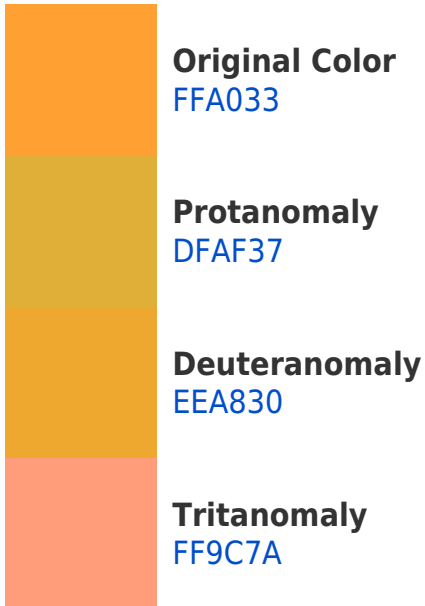
Protanopia
CCB739

Deuteranopia
E5AD2E

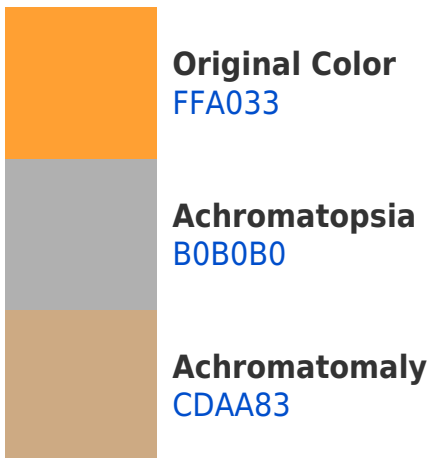


Tritanopia
FF99A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA033 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 #FFA033 looks like.

```
.text, #text, p{  
    color:#FFA033  
}
```

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 #FFA033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA033  
}
```

Border

The CSS property to change the border of an element to Hex FFA033 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  
#FFA033 }
```

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

```
.border{ border-color:#FFA033 }
```

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

Here you see how a box with a 4 pixel #FFA033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA033; -webkit-box-shadow:4px 4px  
4px 4px #FFA033; box-shadow:4px 4px 4px  
4px #FFA033 }
```

Background

The CSS property to change the background color of an element to Hex FFA033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA033 }
```

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

```
.background{ background-color:#FFA033 }
```

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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