

Converting Colors

Hex(FFA029)

Have a look what the booklet for
Hex(FFA029) contains.

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Color

Hex(FFA029)

Conversions

Conversions Part 1

Format	Color
Hex	FFA029
RGB	255, 160, 41
RGB Percent	100%, 63%, 16%
CMY	0.0000, 0.3725, 0.8392
CMYK	0.00, 0.37, 0.84, 0.00
HSL	33°, 100%, 58%
HSV	33°, 84%, 100%
XYZ	54.2110, 46.5617, 8.2279
YIQ	174.8390, 94.8190, -16.8690

Conversions

Conversions Part 2

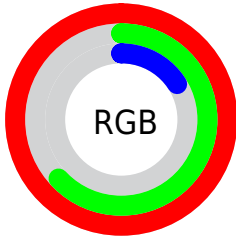
Format	Color
R_{YB}	212, 255, 41
Decimal	16752681
CIE _{Lab}	73.91, 27.12, 70.46
CIE _{LCh}	74, 75.498, 68.950
Yxy	46.5617, 0.4973, 0.4272
Android (android.graphics.Color)	4294942761 (0xFFFFA029)
YUV	174.8390, -65.9826, 70.3012
Hunter-Lab	68.2361, 22.3983, 40.6161

Details

The Hex color **FFA029** 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 **2988FF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD762**, and **C06C00** is the 20% darker color. If you saturate the color by 10%, you get **FF9510**, and if you desaturate by 10%, it is **FFAB42**.

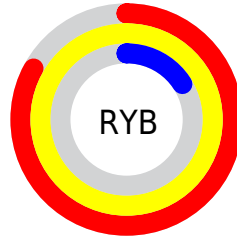
Distribution



Red (100%)

Green (63%)

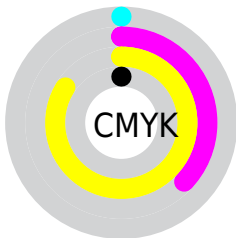
Blue (16%)



Red (83%)

Yellow (100%)

Blue (16%)

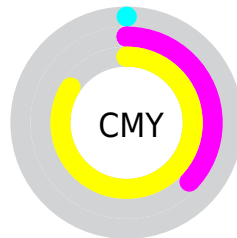


Cyan (0%)

Magenta (37%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA029 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 FFA029 by changing the saturation by 10% instead.

 FFA029

 FFA029

FFFFFF

 DF8600

 FFD762

 C06C00

 FFF37E

 A25300

 FFFF99

 833C00

 FFFFB5

 662500

 FFFFD2

 490D00

 FFFFEF

 2F0000

 020000

 000000

 FFA029

 FFA029

 FF9510

 FFAB42

 FF8E00

 FFB75C

 FFC276

 FFCD8F

 FFD9A9

 FFE4C2

 FFEFDC

 FFFBF5

FFFFFF

Harmonies

Analogous

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



FF8362



FFA029



C5B908

Triad

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



FFA029



00D6C9



D39AFF

Complementary

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



FFA029



2988FF

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.



32B7FF



FFA029



00D4FF

Square

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



FFA029



00D381



00CAFF



FF7BE9

Rectangle

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



FFA029



95C52B



00CAFF



AFA4FF

Sweetspot

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



FFA029



FFE3BF



FF2989



806F59



000000



808080

Same Dimension

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



FFA029



FF8E00



F4FF29



807A73



BF6A00



402300

Inverse Universe

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



2988FF



0071FF



3429FF



737880



0055BF



001C40

Previews

White Background



This preview shows how the Hex color FFA029 looks on a white background.

Color Contrast Check

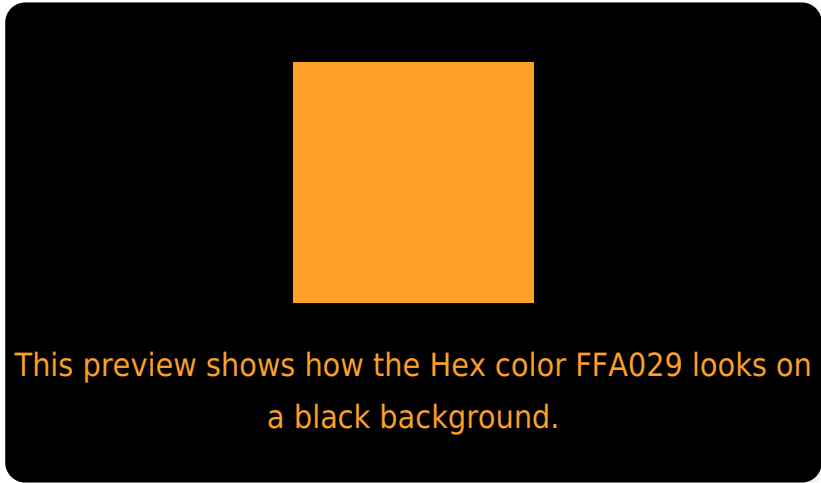
Large Text (above 18pt) WCAG AA × Fail

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 FFA029 Background



This preview shows how black text looks on a background with the Hex color FFA029.



This preview shows how white text looks on a background with the Hex color FFA029.

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
FFA029

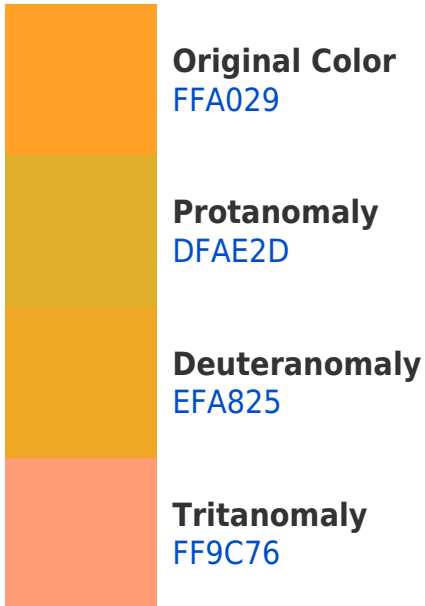
Protanopia
CCB62F

Deuteranopia
E6AD22

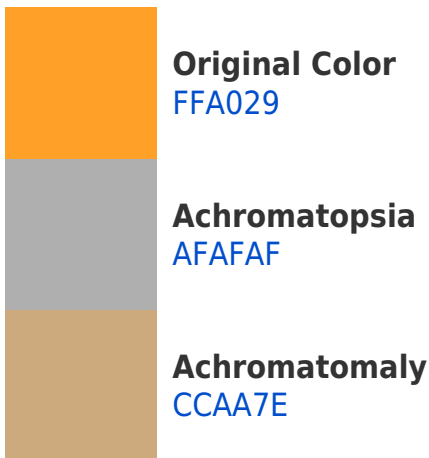


Tritanopia
FF99A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA029 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 #FFA029 looks like.

```
.text, #text, p{  
    color:#FFA029  
}
```

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 #FFA029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA029
}
```

Border

The CSS property to change the border of an element to Hex FFA029 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
#FFA029 }
```

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

```
.border{ border-color:#FFA029 }
```

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

Here you see how a box with a 4 pixel #FFA029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA029; -webkit-box-shadow:4px 4px  
4px 4px #FFA029; box-shadow:4px 4px 4px  
4px #FFA029 }
```

Background

The CSS property to change the background color of an element to Hex FFA029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA029 }
```

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

```
.background{ background-color:#FFA029 }
```

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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