

Converting Colors

Hex(FFA611)

Have a look what the booklet for
Hex(FFA611) contains.

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Color

Hex(FFA611)

Conversions

Conversions Part 1

Format	Color
Hex	FFA611
RGB	255, 166, 17
RGB Percent	100%, 65%, 7%
CMY	0.0000, 0.3490, 0.9333
CMYK	0.00, 0.35, 0.93, 0.00
HSL	38°, 100%, 53%
HSV	38°, 93%, 100%
XYZ	54.9774, 48.5729, 7.0082
YIQ	175.6250, 100.8730, -27.4710

Conversions

Conversions Part 2

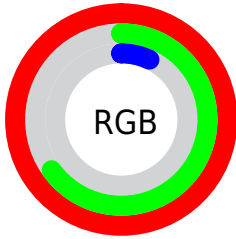
Format	Color
RYB	159, 255, 17
Decimal	16754193
CIELab	75.18, 23.56, 77.06
CIElCh	75, 80.585, 73.000
Yxy	48.5729, 0.4973, 0.4393
Android (android.graphics.Color)	4294944273 (0xFFFFA611)
YUV	175.6250, -78.2021, 69.6119
Hunter-Lab	69.6943, 18.8424, 42.8240

Details

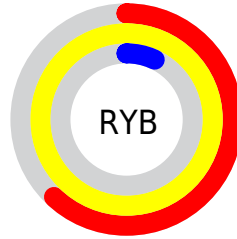
The Hex color **FFA611** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **116AFF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFDD55**, and **C07200** is the 20% darker color. If you saturate the color by 10%, you get **FFA000**, and if you desaturate by 10%, it is **FFB02B**.

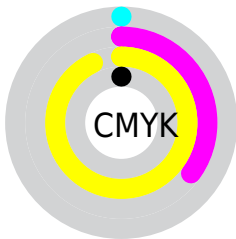
Distribution



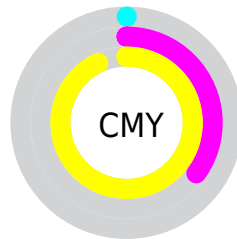
- Red (100%)
- Green (65%)
- Blue (7%)



- Red (62%)
- Yellow (100%)
- Blue (7%)



- Cyan (0%)
- Magenta (35%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA611 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 FFA611 by changing the saturation by 10% instead.

 FFA611

 FFA611

FFFFFF

 DF8C00

 FFDD55

 C07200

 FFFA71

 A15900

 FFFF8E

 834200

 FFFFAA

 662B00

 FFFFC7

 491500

 FFFF E4

 2F0000

 070000

 000000

 FFA611

 FFA611

 FFA000

 FFB02B

 FFB944

 FFC35E

 FFCC77

 FFD691

 FFDFAA

 FFE9C4

 FFF2DD

 FFFCF7

Harmonies

Analogous

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



FF8656



FFA611



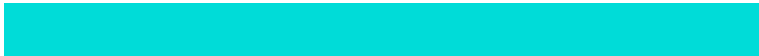
BFC000

Triad

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



FFA611



00DCD8



E596FF

Complementary

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



FFA611



116AFF

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.



4EB7FF



FFA611



00D9FF

Square

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



FFA611



00D98B



00CDFE



FF75E6

Rectangle

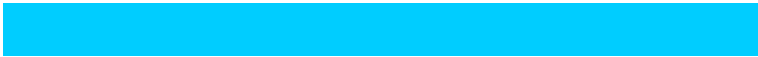
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFA611



8ACC29



00CDFF



C2A2FF

Sweetspot

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



FFA611



FFE4B8



FF116C



806F54



000000



808080

Same Dimension

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



FFA611



FFA000



E3FF11



807B73



BF7800



402800

Inverse Universe

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



116AFF



005FFF



2D11FF



737880



0048BF



001840

Previews

White Background



This preview shows how the Hex color FFA611 looks on a white background.

Color Contrast Check

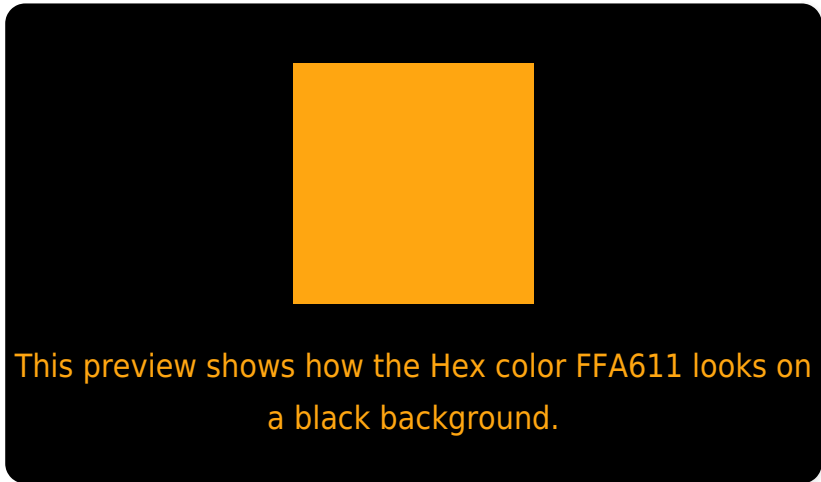
Large Text (above 18pt) WCAG AA × Fail

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 FFA611 Background



This preview shows how black text looks on a background with the Hex color FFA611.



This preview shows how white text looks on a background with the Hex color FFA611.

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
FFA611

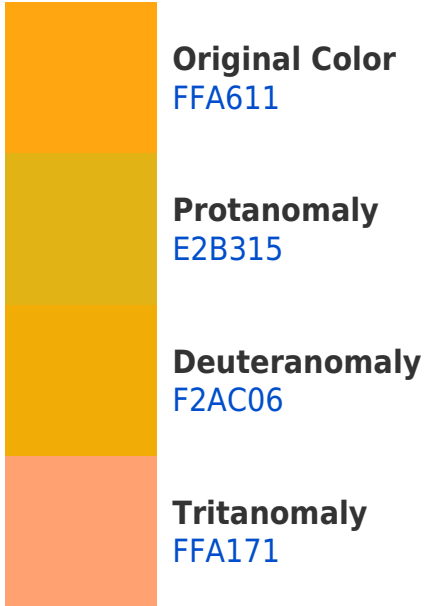
Protanopia
D1BA18

Deuteranopia
EBB000

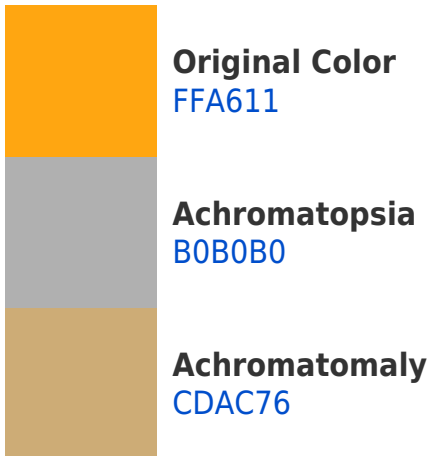


Tritanopia
FF9EA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA611 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 #FFA611 looks like.

```
.text, #text, p{  
    color:#FFA611  
}
```

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 #FFA611 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA611
}
```

Border

The CSS property to change the border of an element to Hex FFA611 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
#FFA611 }
```

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

```
.border{ border-color:#FFA611 }
```

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

Here you see how a box with a 4 pixel #FFA611 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA611; -webkit-box-shadow:4px 4px  
4px 4px #FFA611; box-shadow:4px 4px 4px  
4px #FFA611 }
```

Background

The CSS property to change the background color of an element to Hex FFA611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA611 }
```

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

```
.background{ background-color:#FFA611 }
```

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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