

Converting Colors

Hex(FAA136)

Have a look what the booklet for
Hex(FAA136) contains.

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Color

Hex(FAA136)

Conversions

Conversions Part 1

Format	Color
Hex	FAA136
RGB	250, 161, 54
RGB Percent	98%, 63%, 21%
CMY	0.0196, 0.3686, 0.7882
CMYK	0.00, 0.36, 0.78, 0.02
HSL	33°, 95%, 60%
HSV	33°, 78%, 98%
XYZ	52.8351, 46.0801, 9.5997
YIQ	175.4130, 87.3910, -14.4090

Conversions

Conversions Part 2

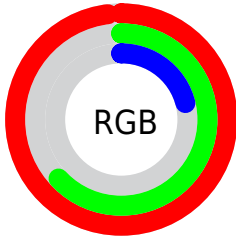
Format	Color
R _Y B	217, 250, 54
Decimal	16425270
CIE Lab	73.60, 24.92, 65.46
CIE LCh	74, 70.046, 69.160
Yxy	46.0801, 0.4869, 0.4246
Android (android.graphics.Color)	4294615350 (0xFFFAA136)
YUV	175.4130, -59.8566, 65.4128
Hunter-Lab	67.8823, 20.1385, 39.1330

Details

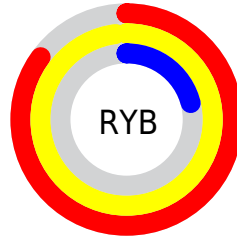
The Hex color **FAA136** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **368FFA**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFD86C**, and **BC6D00** is the 20% darker color. If you saturate the color by 10%, you get **FA961D**, and if you desaturate by 10%, it is **FAAC4F**.

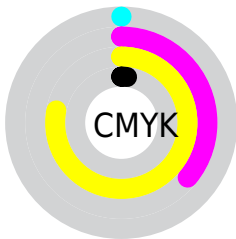
Distribution



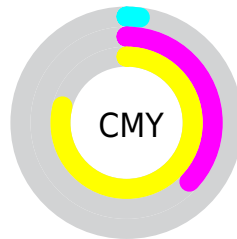
- Red (98%)
- Green (63%)
- Blue (21%)



- Red (85%)
- Yellow (98%)
- Blue (21%)



- Cyan (0%)
- Magenta (36%)
- Yellow (78%)
- Black (2%)



- Cyan (2%)
- Magenta (37%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FAA136 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 FAA136 by changing the saturation by 10% instead.

 FAA136

 FAA136

FFFFFF

 DB8717

 FFD86C

 BC6D00

 FFF488

 9E5500

 FFFFA3

 803D00

 FFFFBF

 622600

 FFFFDC

 461000

 FFFFF9

 2D0000

 000000

 FAA136

 FAA136

FA961D

FAAC4F

FA8A04

FAB868

FA8800

FAC381

FACE9A

FADAB3

FAE5CC

FAF0E5

FAFCFE

FAFFFF

Harmonies

Analogous

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



FF8767



FAA136



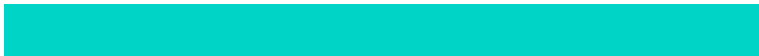
C4B824

Triad

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



FAA136



00D4C7



D19BFF

Complementary

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



FAA136



368FFA

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.



4FB6FF



FAA136



00D1FF

Square

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



FAA136



00D085



00C8FF



FF81E4

Rectangle

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



FAA136



98C339



00C8FF



B1A5FF

Sweetspot

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



FAA136



FFE3C2



FA3691



806F5B



000000



808080

Same Dimension

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



FAA136



FF920F



F3FA36



7D7770



BD6700



3D2100

Inverse Universe

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



368FFA



0F7CFF



3D36FA



70767D



0056BD



001C3D

Previews

White Background



This preview shows how the Hex color FAA136 looks on a white background.

Color Contrast Check

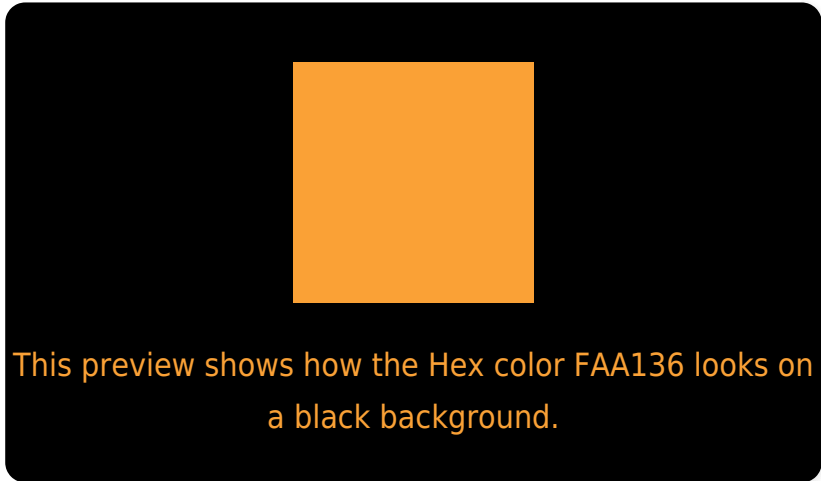
Large Text (above 18pt) WCAG AA × Fail

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 FAA136 Background



This preview shows how black text looks on a background with the Hex color FAA136.



This preview shows how white text looks on a background with the Hex color FAA136.

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
FAA136

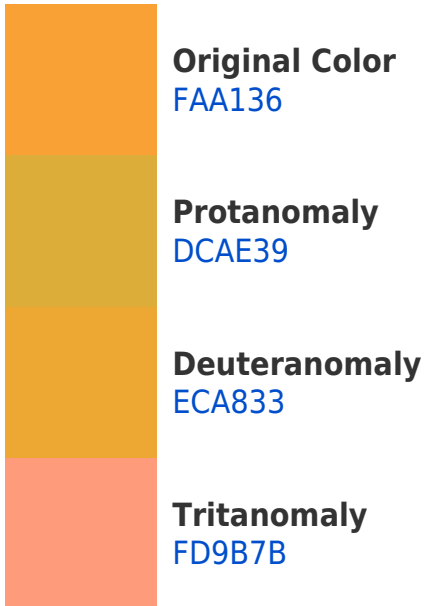
Protanopia
CBB63B

Deuteranopia
E4AC32

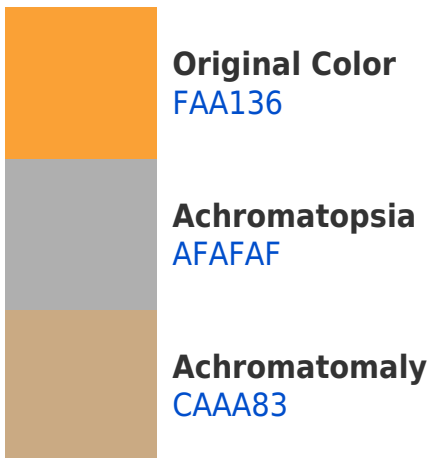


Tritanopia
FF97A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FAA136 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 #FAA136 looks like.

```
.text, #text, p{  
    color:#FAA136  
}
```

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 #FAA136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAA136
}
```

Border

The CSS property to change the border of an element to Hex FAA136 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
#FAA136 }
```

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

```
.border{ border-color:#FAA136 }
```

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

Here you see how a box with a 4 pixel #FAA136 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAA136; -webkit-box-shadow:4px 4px  
4px 4px #FAA136; box-shadow:4px 4px 4px  
4px #FAA136 }
```

Background

The CSS property to change the background color of an element to Hex FAA136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAA136 }
```

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

```
.background{ background-color:#FAA136 }
```

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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