

Converting Colors

Hex(FFA53A)

Have a look what the booklet for
Hex(FFA53A) contains.

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Color

Hex(FFA53A)

Conversions

Conversions Part 1

Format	Color
Hex	FFA53A
RGB	255, 165, 58
RGB Percent	100%, 65%, 23%
CMY	0.0000, 0.3529, 0.7725
CMYK	0.00, 0.35, 0.77, 0.00
HSL	33°, 100%, 61%
HSV	33°, 77%, 100%
XYZ	55.4589, 48.4758, 10.4367
YIQ	179.7120, 87.9870, -14.1970

Conversions

Conversions Part 2

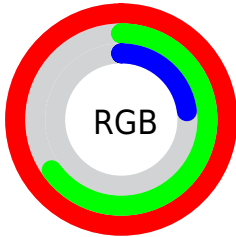
Format	Color
R_{YB}	224, 255, 58
Decimal	16753978
CIE _{Lab}	75.12, 25.04, 65.58
CIE _{LCh}	75, 70.196, 69.105
Yxy	48.4758, 0.4849, 0.4238
Android (android.graphics.Color)	4294944058 (0xFFFFA53A)
YUV	179.7120, -60.0040, 66.0276
Hunter-Lab	69.6245, 20.3398, 39.8496

Details

The Hex color **FFA53A** 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 **3A94FF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFDC70**, and **C17100** is the 20% darker color. If you saturate the color by 10%, you get **FF9920**, and if you desaturate by 10%, it is **FFB153**.

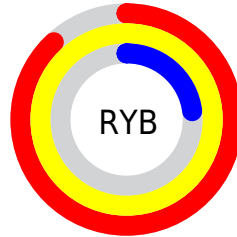
Distribution



Red (100%)

Green (65%)

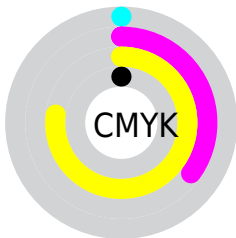
Blue (23%)



Red (88%)

Yellow (100%)

Blue (23%)

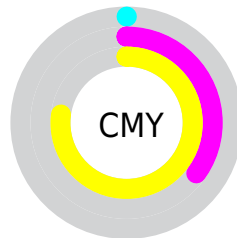


Cyan (0%)

Magenta (35%)

Yellow (77%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFA53A 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 FFA53A by changing the saturation by 10% instead.

 FFA53A

 FFA53A

FFFFFF

 E08B1C

 FFDC70

 C17100

 FFF98B

 A25800

 FFFFA7

 844000

 FFFFC3

 672900

 FFFFEO

 4B1300

FFFFFFD

 300000

 0A0000

 000000

■ FFA53A

■ FFA53A

■ FF9920

■ FF8153

■ FF8E07

■ FFBC6D

■ FF8B00

■ FFC886

■ FFD4A0

■ FFDFB9

■ FFEBD3

■ FFF7EC

FFFFFF

Harmonies

Analogous

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



FF8B6B



FFA53A



C8BC29

Triad

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



FFA53A



00D8CB



D69FFF

Complementary

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



FFA53A



3A94FF

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.



55BAFF



FFA53A



00D6FF

Square

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



FFA53A



00D588



00CCFF



FF85E9

Rectangle

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



FFA53A



9CC83D



00CCFF



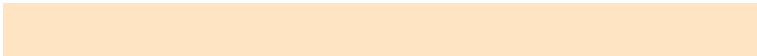
B5A9FF

Sweetspot

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



FFA53A



FFE4C4



FF3A96



806F5C



000000



808080

Same Dimension

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



FFA53A



FF9312



F8FF3A



807A73



BF6800



402300

Inverse Universe

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



3A94FF



127EFF



413AFF



737980



0057BF



001D40

Previews

White Background



This preview shows how the Hex color FFA53A looks on a white background.

Color Contrast Check

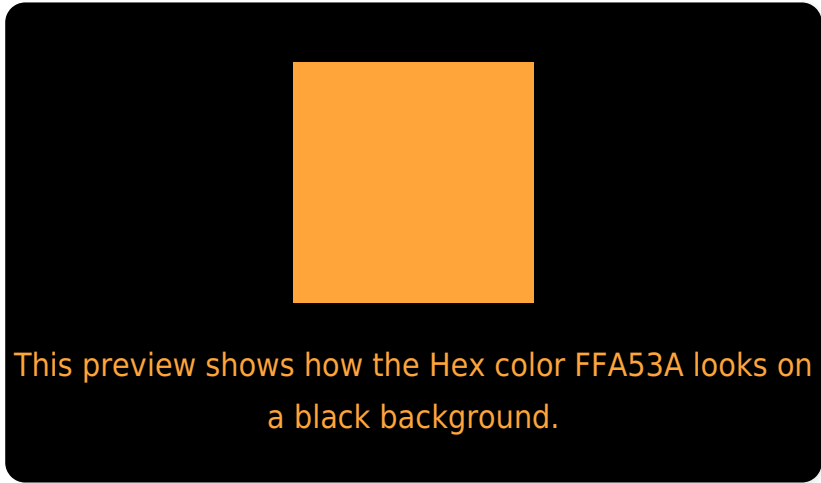
Large Text (above 18pt) WCAG AA × Fail

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 FFA53A Background



This preview shows how black text looks on a background with the Hex color FFA53A.

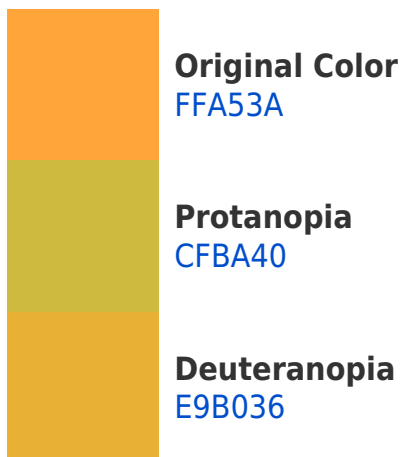


This preview shows how white text looks on a background with the Hex color FFA53A.

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](#).

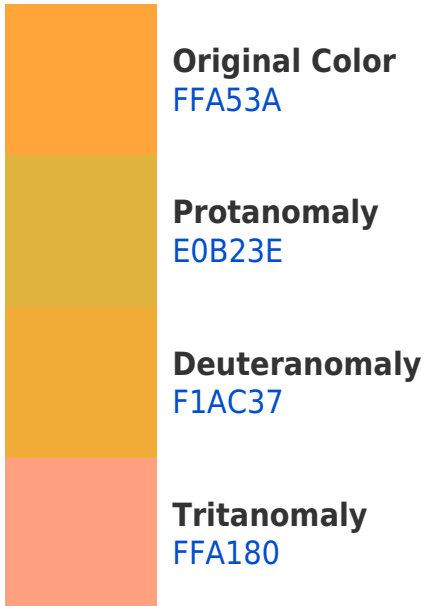
Dichromacy



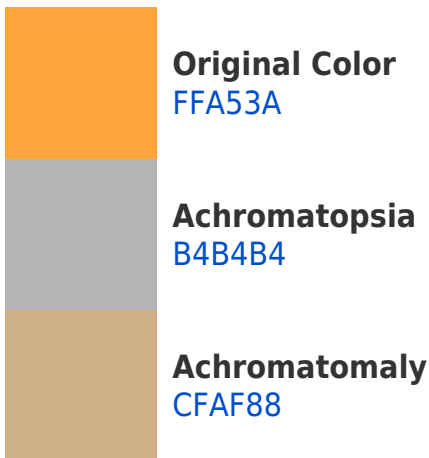


Tritanopia
FF9EA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFA53A 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 #FFA53A looks like.

```
.text, #text, p{  
    color:#FFA53A  
}
```

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 #FFA53A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA53A
}
```

Border

The CSS property to change the border of an element to Hex FFA53A 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
#FFA53A }
```

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

```
.border{ border-color:#FFA53A }
```

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

Here you see how a box with a 4 pixel #FFA53A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA53A; -webkit-box-shadow:4px 4px  
4px 4px #FFA53A; box-shadow:4px 4px 4px  
4px #FFA53A }
```

Background

The CSS property to change the background color of an element to Hex FFA53A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA53A }
```

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

```
.background{ background-color:#FFA53A }
```

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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