

Converting Colors

Hex(FDA66D)

Have a look what the booklet for
Hex(FDA66D) contains.

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Color

Hex(FDA66D)

Conversions

Conversions Part 1

Format	Color
Hex	FDA66D
RGB	253, 166, 109
RGB Percent	99%, 65%, 43%
CMY	0.0078, 0.3490, 0.5725
CMYK	0.00, 0.34, 0.57, 0.01
HSL	24°, 97%, 71%
HSV	24°, 57%, 99%
XYZ	56.9045, 49.2592, 20.9768
YIQ	185.5150, 70.1490, 0.7170

Conversions

Conversions Part 2

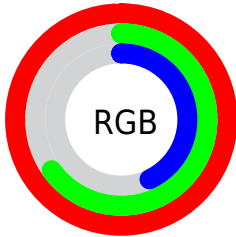
Format	Color
R_{YB}	253, 203, 109
Decimal	16623213
CIE _{Lab}	75.61, 26.53, 42.44
CIE _{LCh}	76, 50.051, 57.990
Yxy	49.2592, 0.4476, 0.3874
Android (android.graphics.Color)	4294813293 (0xFFFDA66D)
YUV	185.5150, -37.7219, 59.1843
Hunter-Lab	70.1849, 21.9007, 31.4089

Details

The Hex color **FDA66D** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6DC4FD**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFDDA2**, and **C1723C** is the 20% darker color. If you saturate the color by 10%, you get **FD9754**, and if you desaturate by 10%, it is **FDB586**.

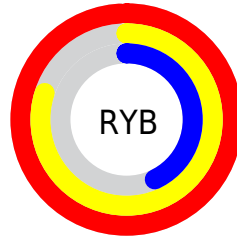
Distribution



Red (99%)

Green (65%)

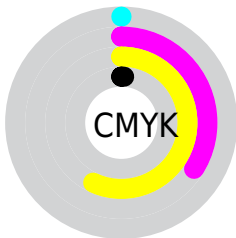
Blue (43%)



Red (99%)

Yellow (80%)

Blue (43%)

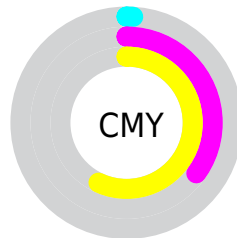


Cyan (0%)

Magenta (34%)

Yellow (57%)

Black (1%)



Cyan (1%)

Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDA66D 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 FDA66D by changing the saturation by 10% instead.

 FDA66D

 FDA66D

FFFFFF

 DF8B54

 FFDDA2

 C1723C

 FFFABD

 A35924

 FFFFD9

 86400A

 FFFFF6

 6A2900

 4D1200

 330000

 120000

 000000

 FDA66D

 FDA66D

 FD9754

 FDB586

 FD873A

 FDC5A0

 FD7821

 FDD4B9

 FD6908

 FDE3D2

 FD6400

 FDF2EC

FDFFFF

Harmonies

Analogous

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



FF9891



FDA66D



D9B75C

Triad

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



FDA66D



00D2B6



B9AFFF

Complementary

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



FDA66D



6DC4FD

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.



65C0FF



FDA66D



00D1E4

Square

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



FDA66D



72CE88



00CCFF



F19EEC

Rectangle

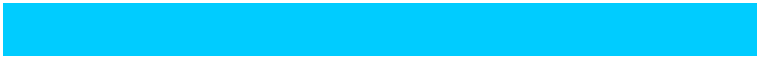
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDA66D



BBC060



00CCFF



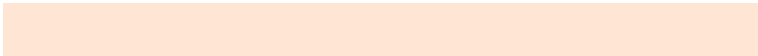
A1B5FF

Sweetspot

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



FDA66D



FFE5D4



FD6DC6



807066



000000



808080

Same Dimension

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



FDA66D



FF9652



FDEC6D



807873



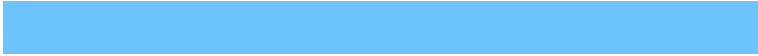
BF4C00



401900

Inverse Universe

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



6DC4FD



52BAFF



6D7EFD



737A80



0074BF



002740

Previews

White Background



This preview shows how the Hex color FDA66D looks on a white background.

Color Contrast Check

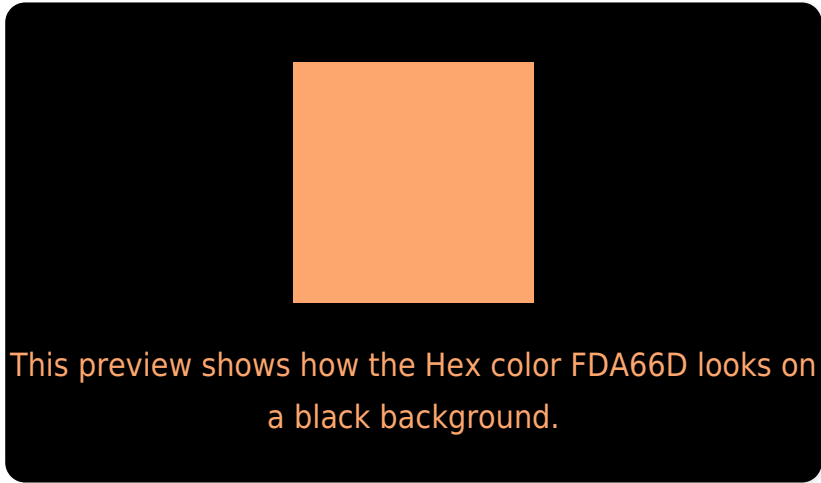
Large Text (above 18pt) WCAG AA × Fail

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 FDA66D Background



This preview shows how black text looks on a background with the Hex color FDA66D.

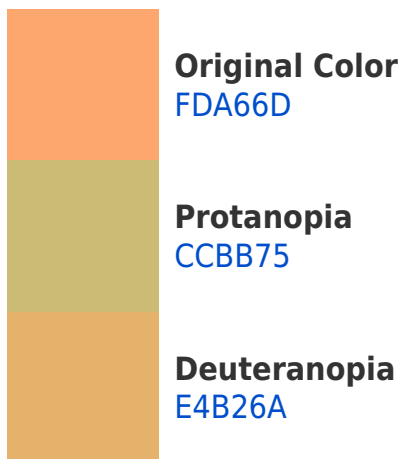


This preview shows how white text looks on a background with the Hex color FDA66D.

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](#).

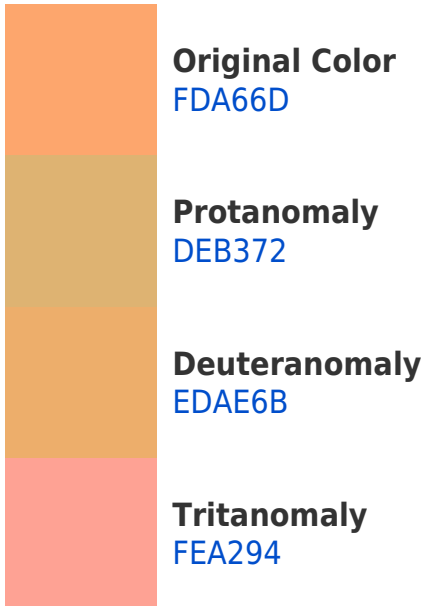
Dichromacy



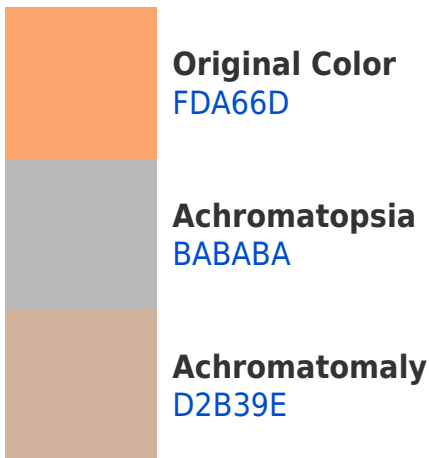


Tritanopia
FFA0AB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDA66D 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 #FDA66D looks like.

```
.text, #text, p{  
    color:#FDA66D  
}
```

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 #FDA66D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDA66D } }
```

Border

The CSS property to change the border of an element to Hex FDA66D 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 #FDA66D } }
```

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

```
.border{ border-color:#FDA66D }
```

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

Here you see how a box with a 4 pixel #FDA66D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDA66D; -webkit-box-shadow:4px 4px  
4px 4px #FDA66D; box-shadow:4px 4px 4px  
4px #FDA66D }
```

Background

The CSS property to change the background color of an element to Hex FDA66D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDA66D }
```

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

```
.background{ background-color:#FDA66D }
```

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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