

Converting Colors

Hex(FDB75F)

Have a look what the booklet for
Hex(FDB75F) contains.

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Color

Hex(FDB75F)

Conversions

Conversions Part 1

Format	Color
Hex	FDB75F
RGB	253, 183, 95
RGB Percent	99%, 72%, 37%
CMY	0.0078, 0.2824, 0.6275
CMYK	0.00, 0.28, 0.62, 0.01
HSL	33°, 98%, 68%
HSV	33°, 62%, 99%
XYZ	59.5071, 55.5758, 18.4173
YIQ	193.8980, 69.9680, -12.5280

Conversions

Conversions Part 2

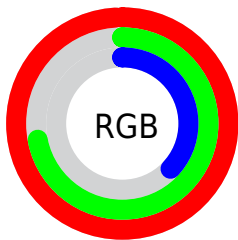
Format	Color
R _Y B	221, 253, 95
Decimal	16627551
CIE Lab	79.37, 16.65, 53.83
CIE LCh	79, 56.344, 72.807
Yxy	55.5758, 0.4457, 0.4163
Android (android.graphics.Color)	4294817631 (0xFFFD B75F)
YUV	193.8980, -48.7567, 51.8325
Hunter-Lab	74.5492, 12.0221, 37.5369

Details

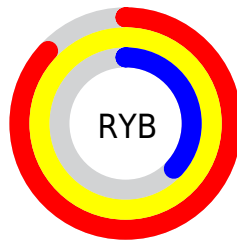
The Hex color **FDB75F** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5FA5FD**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFEF94**, and **C0822B** is the 20% darker color. If you saturate the color by 10%, you get **FDAC46**, and if you desaturate by 10%, it is **FDC278**.

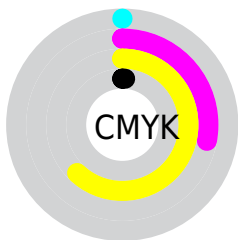
Distribution



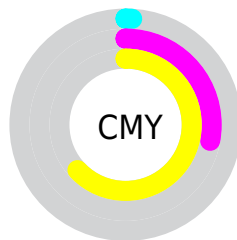
- Red (99%)
- Green (72%)
- Blue (37%)



- Red (87%)
- Yellow (99%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (62%)
- Black (1%)



- Cyan (1%)
- Magenta (28%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDB75F 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 FDB75F by changing the saturation by 10% instead.

 FDB75F

 FDB75F

FFFFFF

 DF9C45

 FFEF94

 C0822B

 FFFF4F

 A3690D

 FFFFCB

 865100

 FFFF88

 6A3A00

 4E2400

 330F00

 1B0001

 000000

 FDB75F

 FDB75F

 FDAC46

 FDC278

 FDA12C

 FDCD92

 FD9513

 FDD9AB

 FD8D00

 FDE4C4

 FDEFDE

 FDFAF7

 FDFFFF

Harmonies

Analogous

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



FFA480



FDB75F



CEC95A

Triad

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



FDB75F



00DFDA



E6AEFF

Complementary

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



FDB75F



5FA5FD

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.



95C2FF



FDB75F



00DCFF

Square

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



FDB75F



3FDDA4



00D3FF



FF9DE5

Rectangle

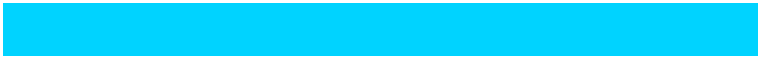
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FDB75F



A9D269



00D3FF



CFB5FF

Sweetspot

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



FDB75F



FFEACF



FD5FA6



807362



000000



808080

Same Dimension

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



FDB75F



FFAA40



F5FD5F



807A73



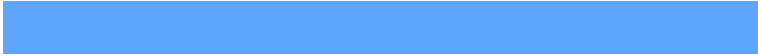
BF6B00



402400

Inverse Universe

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



5FA5FD



4094FF



675FFD



737880



0055BF



001C40

Previews

White Background



This preview shows how the Hex color FDB75F looks on a white background.

Color Contrast Check

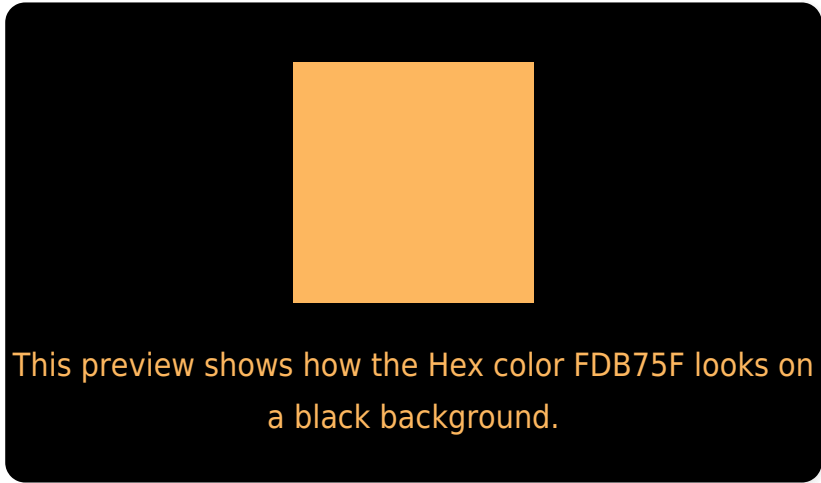
Large Text (above 18pt) WCAG AA × Fail

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 FDB75F Background



This preview shows how black text looks on a background with the Hex color FDB75F.

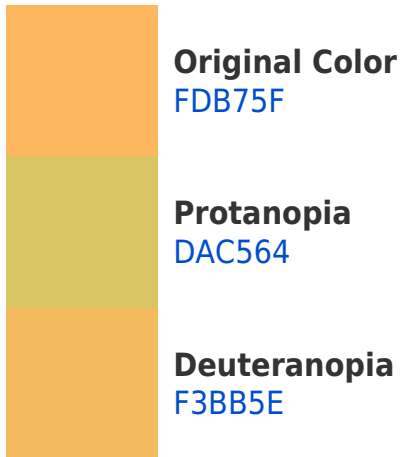


This preview shows how white text looks on a background with the Hex color FDB75F.

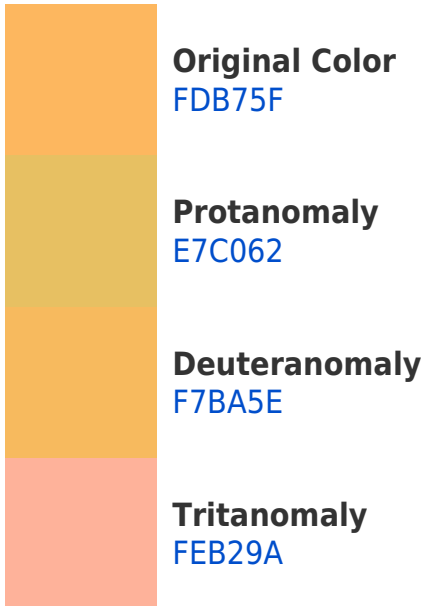
Color Blindness Simulation

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](#).

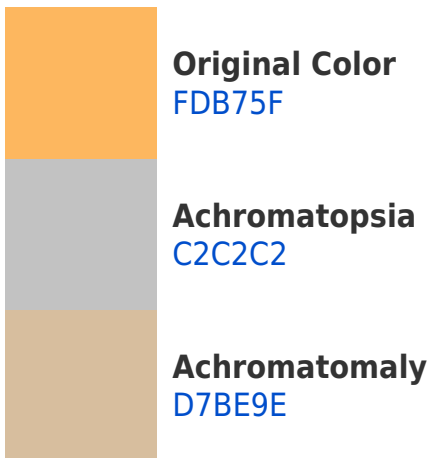
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDB75F 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 #FDB75F looks like.

```
.text, #text, p{  
    color:#FDB75F  
}
```

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 #FDB75F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDB75F
}
```

Border

The CSS property to change the border of an element to Hex FDB75F 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
#FDB75F }
```

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

```
.border{ border-color:#FDB75F }
```

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

Here you see how a box with a 4 pixel #FDB75F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDB75F; -webkit-box-shadow:4px 4px  
4px 4px #FDB75F; box-shadow:4px 4px 4px  
4px #FDB75F }
```

Background

The CSS property to change the background color of an element to Hex FDB75F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDB75F }
```

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

```
.background{ background-color:#FDB75F }
```

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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