

Converting Colors

Hex(FFDE5D)

Have a look what the booklet for
Hex(FFDE5D) contains.

Hex(FFDE5D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFDE5D)

Conversions

Conversions Part 1

Format	Color
Hex	FFDE5D
RGB	255, 222, 93
RGB Percent	100%, 87%, 36%
CMY	0.0000, 0.1294, 0.6353
CMYK	0.00, 0.13, 0.64, 0.00
HSL	48°, 100%, 68%
HSV	48°, 64%, 100%
XYZ	69.3371, 74.2929, 21.0414
YIQ	217.1610, 61.0770, -33.1230

Conversions

Conversions Part 2

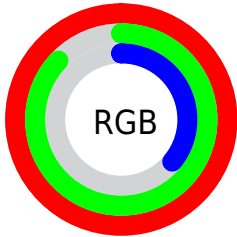
Format	Color
RYB	134, 255, 93
Decimal	16768605
CIELab	89.06, -2.74, 65.51
CIELCh	89, 65.567, 92.399
Yxy	74.2929, 0.4211, 0.4512
Android (android.graphics.Color)	4294958685 (0xFFFFDE5D)
YUV	217.1610, -61.2114, 33.1848
Hunter-Lab	86.1933, -7.2463, 45.8615

Details

The Hex color **FFDE5D** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5D7EFF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF94**, and **C3A723** is the 20% darker color. If you saturate the color by 10%, you get **FFD943**, and if you desaturate by 10%, it is **FFE377**.

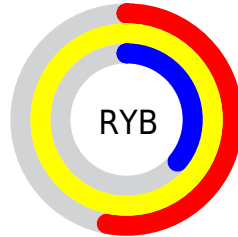
Distribution



Red (100%)

Green (87%)

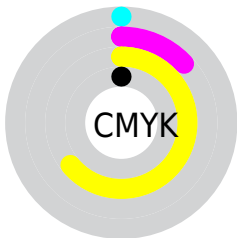
Blue (36%)



Red (53%)

Yellow (100%)

Blue (36%)

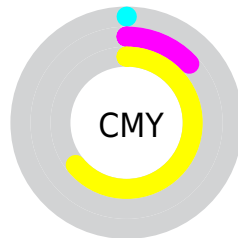


Cyan (0%)

Magenta (13%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFDE5D 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 FFDE5D by changing the saturation by 10% instead.

 FFDE5D

 FFDE5D

FFFFFF

 E1C241

 FFFF94

 C3A723

 FFFFB0

 A68D00

 FFFFCD

 897400

 FFFFEA

 6D5B00

 514400

 372E00

 1E1A00

 000000

 FFDE5D

 FFDE5D

 FFD943

 FFE377

 FFD42A

 FFE890

 FFCE10

 FFEEAA

 FFCB00

 FFF3C3

 FFF8DD

 FFFDF6

FFFFFF

Harmonies

Analogous

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



FFC771



FFDE5D



BFF071

Triad

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



FFDE5D



00FEFF



FFB5FF

Complementary

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



FFDE5D



5D7EFF

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.



EACDFE



FFDE5D



00F5FF

Square

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



FFDE5D



00FFE3



73E5FF



FFAADD

Rectangle

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



FFDE5D



8AF890



73E5FF



FFBDFF

Sweetspot

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



FFDE5D



FFF5CF



FF5D80



807A62



000000



808080

Same Dimension

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



FFDE5D



FFD83D



D1FF5D



807D73



BF9800



403300

Inverse Universe

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



5D7EFF



3D65FF



8B5DFF



737580



0027BF



000D40

Previews

White Background



This preview shows how the Hex color FFDE5D looks on a white background.

Color Contrast Check

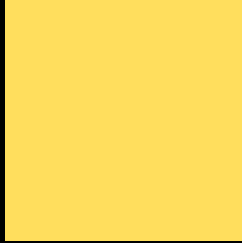
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FFDE5D looks on a 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 FFDE5D Background



This preview shows how black text looks on a background with the Hex color FFDE5D.



This preview shows how white text looks on a background with the Hex color FFDE5D.

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
FFDE5D

Protanopia
F9E05E

Deuteranopia
FFDAA9



Tritanopia
FFD5E0

Trichromacy



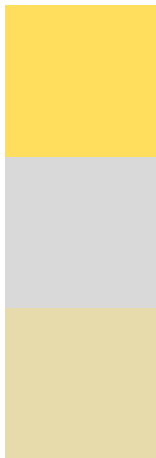
Original Color
FFDE5D

Protanomaly
FBDF5E

Deuteranomaly
FFDB8D

Tritanomaly
FFD8B0

Monochromacy



Original Color
FFDE5D

Achromatopsia
D9D9D9

Achromatomaly
E7DBAC

CSS Examples

Text

The CSS property to change the color of the text to Hex FFDE5D 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 #FFDE5D looks like.

```
.text, #text, p{  
    color:#FFDE5D  
}
```

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 #FFDE5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDE5D
}
```

Border

The CSS property to change the border of an element to Hex FFDE5D 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
#FFDE5D }
```

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

```
.border{ border-color:#FFDE5D }
```

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

Here you see how a box with a 4 pixel #FFDE5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDE5D; -webkit-box-shadow:4px 4px  
4px 4px #FFDE5D; box-shadow:4px 4px 4px  
4px #FFDE5D }
```

Background

The CSS property to change the background color of an element to Hex FFDE5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDE5D }
```

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

```
.background{ background-color:#FFDE5D }
```

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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