

Converting Colors

Hex(FFDE50)

Have a look what the booklet for
Hex(FFDE50) contains.

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Color

Hex(FFDE50)

Conversions

Conversions Part 1

Format	Color
Hex	FFDE50
RGB	255, 222, 80
RGB Percent	100%, 87%, 31%
CMY	0.0000, 0.1294, 0.6863
CMYK	0.00, 0.13, 0.69, 0.00
HSL	49°, 100%, 66%
HSV	49°, 69%, 100%
XYZ	68.8092, 74.0817, 18.2620
YIQ	215.6790, 65.2500, -37.1660

Conversions

Conversions Part 2

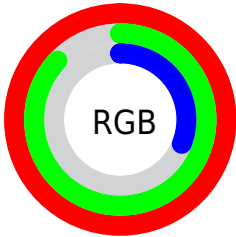
Format	Color
RYB	121, 255, 80
Decimal	16768592
CIELab	88.96, -3.46, 70.67
CIELCh	89, 70.756, 92.803
Yxy	74.0817, 0.4270, 0.4597
Android (android.graphics.Color)	4294958672 (0xFFFFDE50)
YUV	215.6790, -66.8897, 34.4845
Hunter-Lab	86.0707, -7.9220, 47.6697

Details

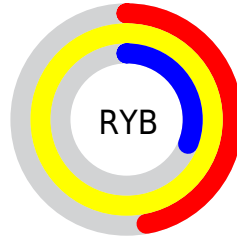
The Hex color **FFDE50** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **5071FF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF88**, and **C3A709** is the 20% darker color. If you saturate the color by 10%, you get **FFD937**, and if you desaturate by 10%, it is **FFE36A**.

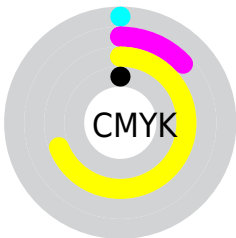
Distribution



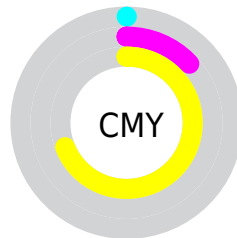
- Red (100%)
- Green (87%)
- Blue (31%)



- Red (47%)
- Yellow (100%)
- Blue (31%)



- Cyan (0%)
- Magenta (13%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFDE50 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 FFDE50 by changing the saturation by 10% instead.

 FFDE50

 FFDE50

FFFFFF

 E1C232

 FFFF88

 C3A709

 FFFFA4

 A58D00

 FFFFC1

 887400

 FFFFDE

 6C5B00

 FFFFFB

 504400

 362E00

 1D1A00

 000000

 FFDE50

 FFDE50

 FFD937

 FFE36A

 FFD41D

 FFE883

 FFD004

 FFEC9D

 FFCF00

 FFF1B6

 FFF6D0

 FFFBE9

FFFFFF

Harmonies

Analogous

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



FFC566



FFDE50



BAF167

Triad

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



FFDE50



00FFFF



FFB0FF

Complementary

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



FFDE50



5071FF

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.



EBCBFF



FFDE50



00F6FF

Square

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



FFDE50



00FFE4



5FE5FF



FFA3DC

Rectangle

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



FFDE50



7FF98A



5FE5FF



FFB9FF

Sweetspot

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



FFDE50



FFF5C9



FF5073



807960



000000



808080

Same Dimension

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



FFDE50



FFD82E



CBFF50



807D73



BF9B00



403400

Inverse Universe

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



5071FF



2E55FF



8450FF



737580



0024BF



000C40

Previews

White Background



This preview shows how the Hex color FFDE50 looks on a white background.

Color Contrast Check

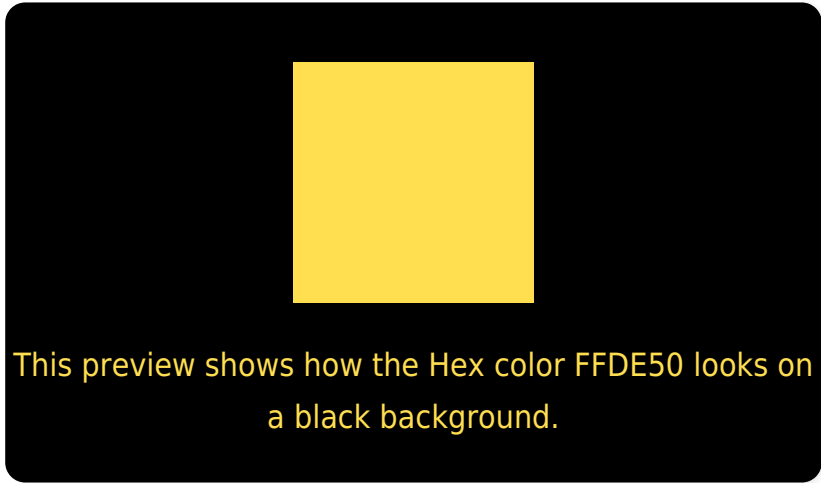
Large Text (above 18pt) WCAG AA × Fail

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 FFDE50 Background



This preview shows how black text looks on a background with the Hex color FFDE50.

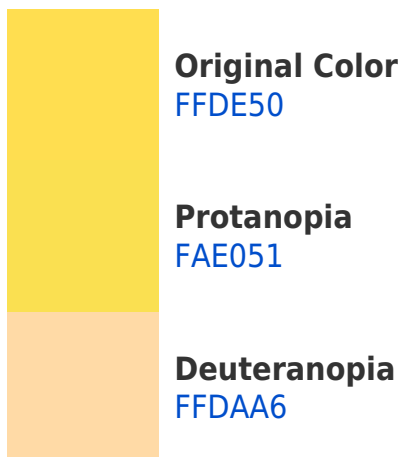


This preview shows how white text looks on a background with the Hex color FFDE50.

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](#).

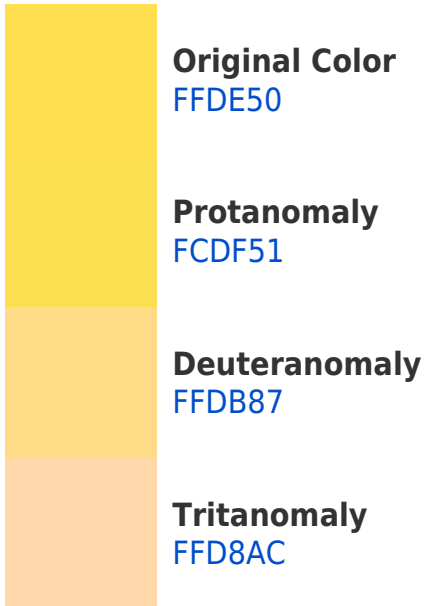
Dichromacy



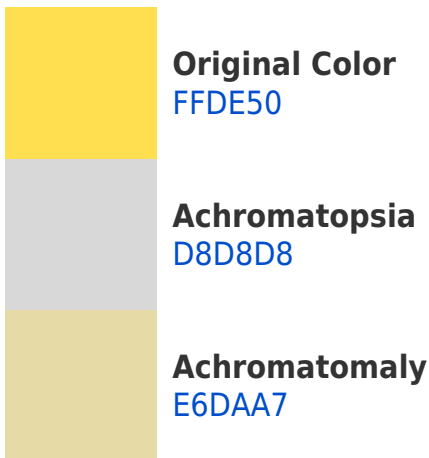


Tritanopia
FFD4E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFDE50 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 #FFDE50 looks like.

```
.text, #text, p{  
    color:#FFDE50  
}
```

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 #FFDE50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFDE50
}
```

Border

The CSS property to change the border of an element to Hex FFDE50 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
#FFDE50 }
```

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

```
.border{ border-color:#FFDE50 }
```

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

Here you see how a box with a 4 pixel #FFDE50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFDE50; -webkit-box-shadow:4px 4px  
4px 4px #FFDE50; box-shadow:4px 4px 4px  
4px #FFDE50 }
```

Background

The CSS property to change the background color of an element to Hex FFDE50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFDE50 }
```

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

```
.background{ background-color:#FFDE50 }
```

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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