

# Converting Colors

Hex(FFD36E)

Have a look what the booklet for  
Hex(FFD36E) contains.

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# **Color**

**Hex(FFD36E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD36E
RGB	255, 211, 110
RGB Percent	100%, 83%, 43%
CMY	0.0000, 0.1725, 0.5686
CMYK	0.00, 0.17, 0.57, 0.00
HSL	42°, 100%, 72%
HSV	42°, 57%, 100%
XYZ	67.3487, 68.9743, 24.5156
YIQ	212.6420, 58.6450, -22.0830

# Conversions

## Conversions Part 2

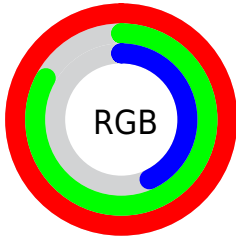
Format	Color
<a href="#">RYB</a>	<a href="#">173, 255, 110</a>
Decimal	<a href="#">16765806</a>
CIELab	<a href="#">86.49, 3.99, 55.04</a>
CIELCh	<a href="#">86, 55.181, 85.857</a>
Yxy	<a href="#">68.9743, 0.4187, 0.4288</a>
Android (android.graphics.Color)	<a href="#">4294955886</a> ( <a href="#">0xFFFFD36E</a> )
YUV	<a href="#">212.6420, -50.6025, 37.1480</a>
Hunter-Lab	<a href="#">83.0508, -0.5871, 40.6339</a>

# Details

The Hex color **FFD36E** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6E9AFF**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFA4**, and **C39D3A** is the 20% darker color. If you saturate the color by 10%, you get **FFCB55**, and if you desaturate by 10%, it is **FFDB88**.

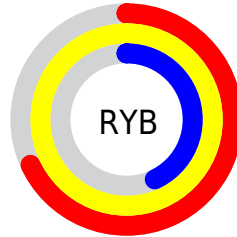
# Distribution



Red (100%)

Green (83%)

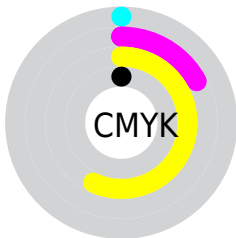
Blue (43%)



Red (68%)

Yellow (100%)

Blue (43%)

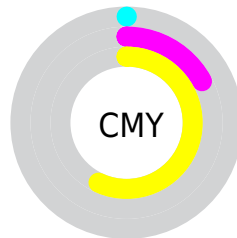


Cyan (0%)

Magenta (17%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFD36E 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 FFD36E by changing the saturation by 10% instead.



 FFD36E

 FFD36E

FFFFFF

 E1B754

 FFFFA4

 C39D3A

 FFFFC0

 A6831E

 FFFFDC

 8A6A00

 FFFFF9

 6E5200

 533B00

 382600

 201200

 000000

 FFD36E

 FFD36E

 FFBC55

 FFDB88

 FFC43B

 FFE2A1

 FFBC21

 FFEABB

 FFB408

 FFF2D4

 FFB200

 FFFAEE

FFFFFF

# Harmonies

## Analogous

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



FFC083



FFD36E



CBE377

# Triad

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



FFD36E



00F3FF



FFBAFF

# Complementary

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



FFD36E



6E9AFF

# 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.



D2CEFF



FFD36E



00EDFF

# Square

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



FFD36E



21F3CF



70E0FF



FFAEE2

# Rectangle

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



FFD36E



A2EB8D



70E0FF



FFC0FF



# Sweetspot

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



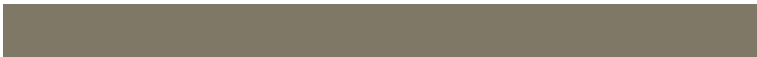
FFD36E



FFF2D4



FF6E9C



807866



000000



808080



# Same Dimension

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



FFD36E



FFCA52



E4FF6E



807C73



BF8500



402C00



# Inverse Universe

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



6E9AFF



5286FF



896EFF



737780



003ABF



001340



# Previews

## White Background



This preview shows how the Hex color FFD36E looks on a white background.

## Color Contrast Check

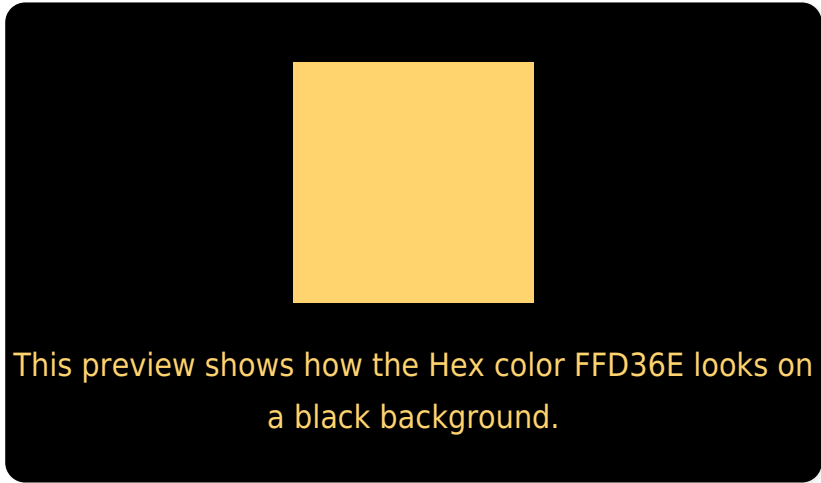
Large Text (above 18pt) WCAG AA × Fail

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 FFD36E Background



This preview shows how black text looks on a background with the Hex color FFD36E.

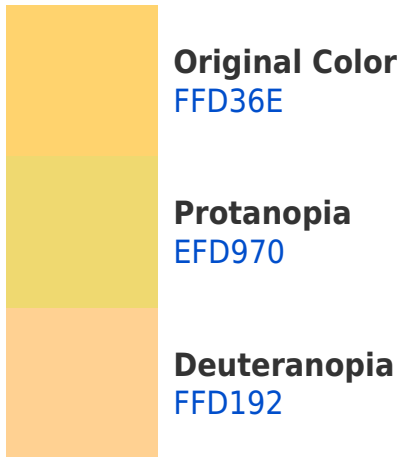


This preview shows how white text looks on a background with the Hex color FFD36E.

# 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](#).

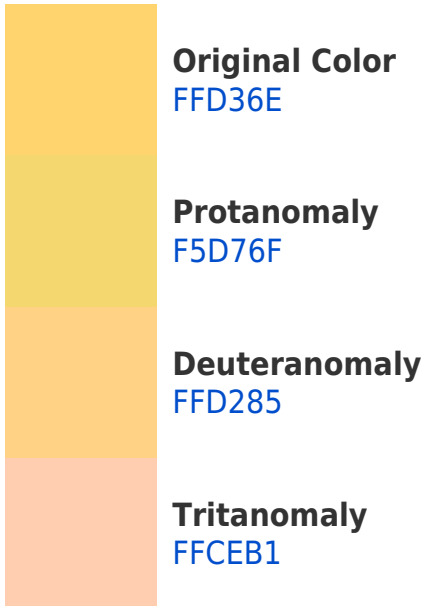
## Dichromacy



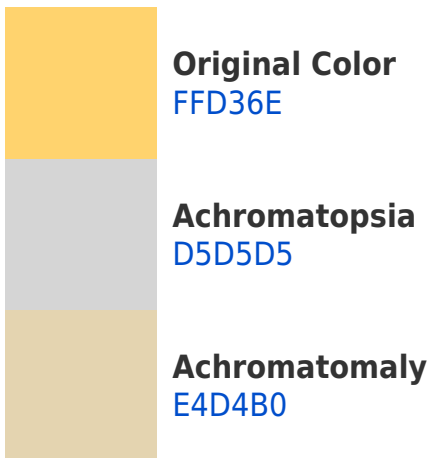


**Tritanopia**  
FFCBD7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFD36E 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 #FFD36E looks like.

```
.text, #text, p{  
    color:#FFD36E  
}
```

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 #FFD36E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD36E
}
```

## Border

The CSS property to change the border of an element to Hex FFD36E 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
#FFD36E }
```

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

```
.border{ border-color:#FFD36E }
```

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

Here you see how a box with a 4 pixel #FFD36E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD36E; -webkit-box-shadow:4px 4px  
4px 4px #FFD36E; box-shadow:4px 4px 4px  
4px #FFD36E }
```

# Background

The CSS property to change the background color of an element to Hex FFD36E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD36E }
```

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

```
.background{ background-color:#FFD36E }
```

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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