

# Converting Colors

Hex(FED273)

Have a look what the booklet for  
Hex(FED273) contains.

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# **Color**

**Hex(FED273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FED273
RGB	254, 210, 115
RGB Percent	100%, 82%, 45%
CMY	0.0039, 0.1765, 0.5490
CMYK	0.00, 0.17, 0.55, 0.00
HSL	41°, 99%, 72%
HSV	41°, 55%, 100%
XYZ	67.0142, 68.4018, 25.8905
YIQ	212.3260, 56.7190, -20.2170

# Conversions

## Conversions Part 2

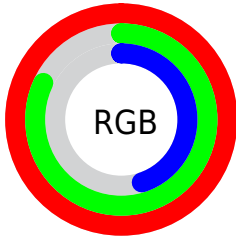
Format	Color
<a href="#">RYB</a>	<a href="#">179, 254, 115</a>
Decimal	<a href="#">16700019</a>
CIELab	<a href="#">86.21, 4.47, 52.31</a>
CIElCh	<a href="#">86, 52.504, 85.113</a>
Yxy	<a href="#">68.4018, 0.4154, 0.4240</a>
Android (android.graphics.Color)	<a href="#">4294890099</a> ( <a href="#">0xFF FED273</a> )
YUV	<a href="#">212.3260, -47.9817, 36.5481</a>
Hunter-Lab	<a href="#">82.7054, -0.1003, 39.3333</a>

# Details

The Hex color **FED273** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **739FFE**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFA9**, and **C39C3F** is the 20% darker color. If you saturate the color by 10%, you get **FECA5A**, and if you desaturate by 10%, it is **FEDA8C**.

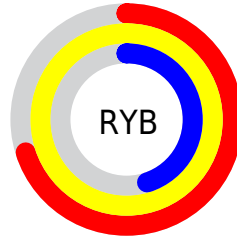
# Distribution



Red (100%)

Green (82%)

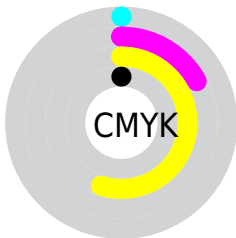
Blue (45%)



Red (70%)

Yellow (100%)

Blue (45%)

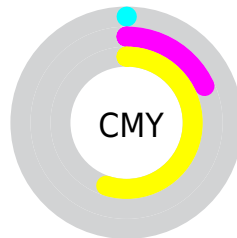


Cyan (0%)

Magenta (17%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FED273 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 FED273 by changing the saturation by 10% instead.



 FED273

 FED273

FFFFFF

 E0B759

 FFFFA9

 C39C3F

 FFFFC5

 A68225

 FFFFE1

 896903

 6D5100

 533A00

 382500

 201100

 000000

 FED273

 FED273

 FECA5A

 FEDA8C

 FEC240

 FEE2A6

 FEBA27

 FEEABF

 FEB20D

 FEF2D9

 FEAE00

 FEFAF2

FEFFFF

# Harmonies

## Analogous

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



FFC087



FED273



CCE17B

# Triad

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



FED273



00F1FF



FFBBFF

# Complementary

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



FED273



739FFE

# 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.



D0CEFF



FED273



00EBFF

# Square

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



FED273



3DF1CE



76DFFF



FFB0E2

# Rectangle

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



FED273



A6E98F



76DFFF



FCC1FF



# Sweetspot

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



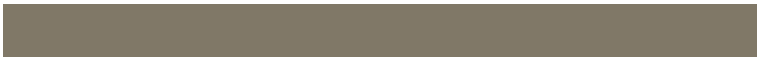
FED273



FFF2D6



FE739F



807867



000000



808080



# Same Dimension

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



FED273



FFCA57



E5FE73



807B73



BF8300



402C00



# Inverse Universe

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



739FFE



578CFF



8C73FE



737780



003DBF



001440



# Previews

## White Background



This preview shows how the Hex color FED273 looks on a white background.

## Color Contrast Check

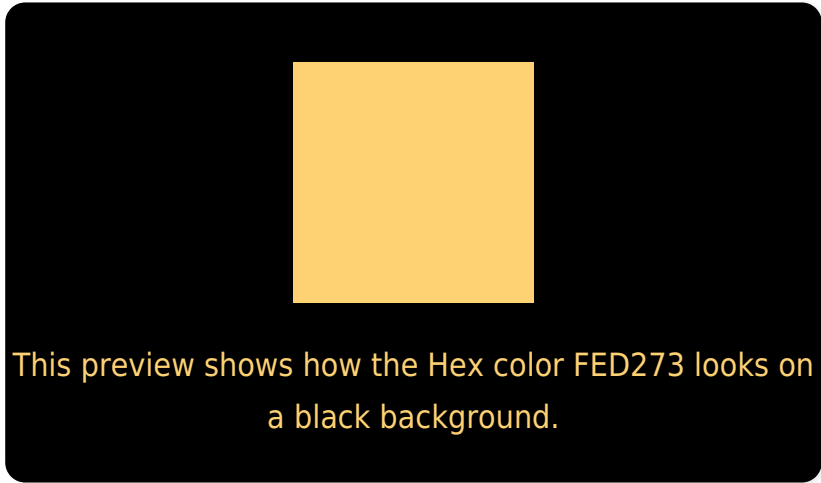
Large Text (above 18pt) WCAG AA × Fail

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 FED273 Background



This preview shows how black text looks on a background with the Hex color FED273.



This preview shows how white text looks on a background with the Hex color FED273.

# 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**  
FED273

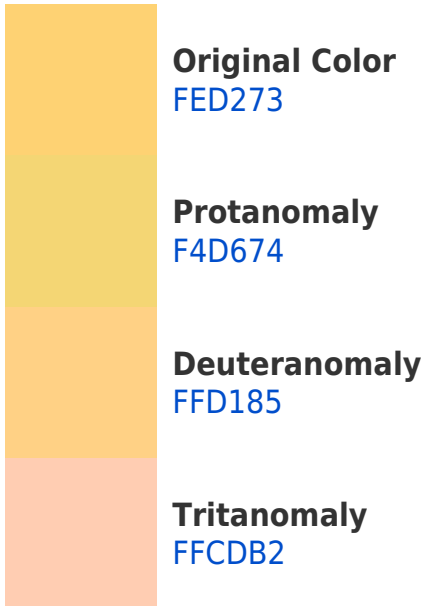
**Protanopia**  
EED875

**Deuteranopia**  
FFD090

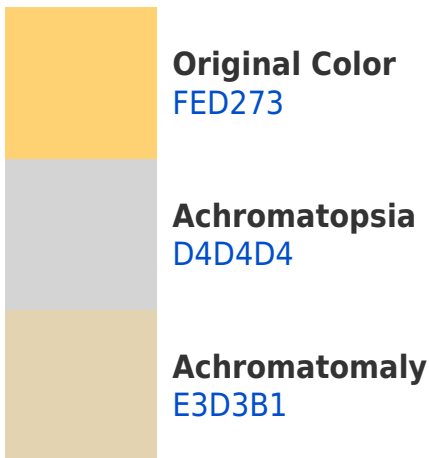


**Tritanopia**  
FFCAD6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FED273 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 #FED273 looks like.

```
.text, #text, p{  
    color:#FED273  
}
```

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 #FED273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FED273
}
```

## Border

The CSS property to change the border of an element to Hex FED273 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
#FED273 }
```

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

```
.border{ border-color:#FED273 }
```

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

Here you see how a box with a 4 pixel #FED273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FED273; -webkit-box-shadow:4px 4px  
4px 4px #FED273; box-shadow:4px 4px 4px  
4px #FED273 }
```

# Background

The CSS property to change the background color of an element to Hex FED273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FED273 }
```

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

```
.background{ background-color:#FED273 }
```

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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