

Converting Colors

Hex(FFE175)

Have a look what the booklet for
Hex(FFE175) contains.

Hex(FFE175)	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(FFE175)

Conversions

Conversions Part 1

Format	Color
Hex	FFE175
RGB	255, 225, 117
RGB Percent	100%, 88%, 46%
CMY	0.0000, 0.1176, 0.5412
CMYK	0.00, 0.12, 0.54, 0.00
HSL	47°, 100%, 73%
HSV	47°, 54%, 100%
XYZ	71.3761, 76.3948, 27.8134
YIQ	221.6580, 52.5480, -27.2280

Conversions

Conversions Part 2

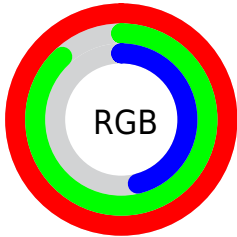
Format	Color
R _Y B	155, 255, 117
Decimal	16769397
CIE Lab	90.04, -2.61, 55.93
CIE LCh	90, 55.992, 92.668
Yxy	76.3948, 0.4065, 0.4351
Android (android.graphics.Color)	4294959477 (0xFFFFE175)
YUV	221.6580, -51.5964, 29.2409
Hunter-Lab	87.4041, -7.1902, 42.3159

Details

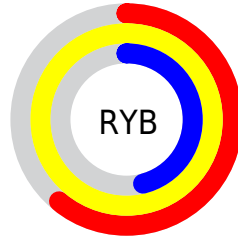
The Hex color **FFE175** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7593FF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFAC**, and **C4AA40** is the 20% darker color. If you saturate the color by 10%, you get **FFDB5B**, and if you desaturate by 10%, it is **FFE78F**.

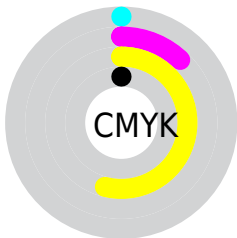
Distribution



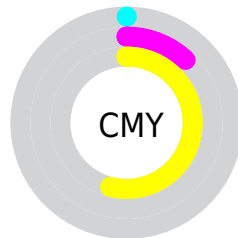
- Red (100%)
- Green (88%)
- Blue (46%)



- Red (61%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (12%)
- Yellow (54%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE175 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 FFE175 by changing the saturation by 10% instead.

 FFE175

 FFE175

FFFFFF

 E1C55A

 FFFFAC

 C4AA40

 FFFFC8

 A79025


 FFFFE4

 8A7600

 6F5E00

 544600

 3A3000

 211C00

 000000

 FFE175

 FFE175

 FFDB5B

 FFE78F

 FFD642

 FFECA8

 FFD028

 FFF2C2

 FFCB0F

 FFF7DB

 FFC800

 FFFDF4

FFFFFF

Harmonies

Analogous

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



FFCE84



FFE175



C7F086

Triad

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



FFE175



00DFF



FFC0FF

Complementary

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



FFE175



7593FF

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.



EED3FF



FFE175



00F5FF

Square

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



FFE175



00FEE6



94E6FF



FFB7E0

Rectangle

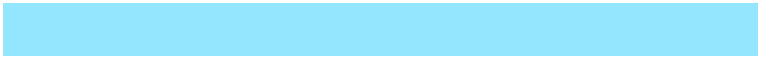
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE175



9CF79F



94E6FF



FFC5FF

Sweetspot

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



FFE175



FFF6D6



FF7595



807A67



000000



808080

Same Dimension

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



FFE175



FFDB59



DAFF75



807D73



BF9600



403200

Inverse Universe

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



7593FF



597DFF



9A75FF



737680



002ABF



000E40

Previews

White Background



This preview shows how the Hex color FFE175 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 FFE175 Background



This preview shows how black text looks on a background with the Hex color FFE175.

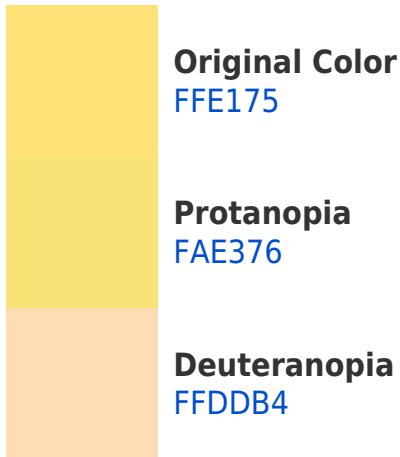


This preview shows how white text looks on a background with the Hex color FFE175.

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](#).

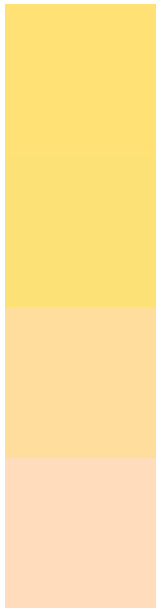
Dichromacy





Tritanopia
FFD9E4

Trichromacy



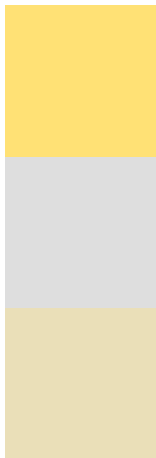
Original Color
FFE175

Protanomaly
FCE276

Deuteranomaly
FFDE9D

Tritanomaly
FFDCBC

Monochromacy



Original Color
FFE175

Achromatopsia
DEDEDE

Achromatomaly
EADFB8

CSS Examples

Text

The CSS property to change the color of the text to Hex FFE175 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 #FFE175 looks like.

```
.text, #text, p{  
    color:#FFE175  
}
```

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 #FFE175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE175
}
```

Border

The CSS property to change the border of an element to Hex FFE175 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
#FFE175 }
```

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

```
.border{ border-color:#FFE175 }
```

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

Here you see how a box with a 4 pixel #FFE175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE175; -webkit-box-shadow:4px 4px  
4px 4px #FFE175; box-shadow:4px 4px 4px  
4px #FFE175 }
```

Background

The CSS property to change the background color of an element to Hex FFE175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE175 }
```

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

```
.background{ background-color:#FFE175 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor