

Converting Colors

Hex(FFE163)

Have a look what the booklet for
Hex(FFE163) contains.

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Color

Hex(FFE163)

Conversions

Conversions Part 1

Format	Color
Hex	FFE163
RGB	255, 225, 99
RGB Percent	100%, 88%, 39%
CMY	0.0000, 0.1176, 0.6118
CMYK	0.00, 0.12, 0.61, 0.00
HSL	48°, 100%, 69%
HSV	48°, 61%, 100%
XYZ	70.4173, 76.0113, 22.7646
YIQ	219.6060, 58.3260, -32.8260

Conversions

Conversions Part 2

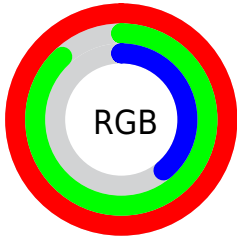
Format	Color
R _Y B	136, 255, 99
Decimal	16769379
CIE Lab	89.86, -3.88, 63.82
CIE LCh	90, 63.940, 93.482
Yxy	76.0113, 0.4162, 0.4493
Android (android.graphics.Color)	4294959459 (0xFFFFE163)
YUV	219.6060, -59.4588, 31.0405
Hunter-Lab	87.1844, -8.4015, 45.5480

Details

The Hex color **FFE163** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6381FF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF9A**, and **C3AA2B** is the 20% darker color. If you saturate the color by 10%, you get **FFDC49**, and if you desaturate by 10%, it is **FFE67C**.

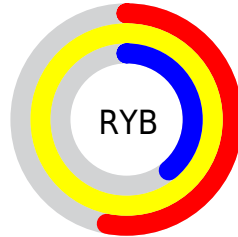
Distribution



Red (100%)

Green (88%)

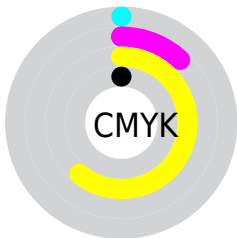
Blue (39%)



Red (53%)

Yellow (100%)

Blue (39%)

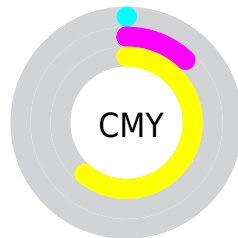


Cyan (0%)

Magenta (12%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE163 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 FFE163 by changing the saturation by 10% instead.

 FFE163

 FFE163

FFFFFF

 E1C548

 FFFF9A

 C3AA2B

 FFFF66

 A69001

 FFFFD3

 897600

 FFFFF0

 6D5E00

 524700

 383100

 1F1C00

 000000

 FFE163

 FFE163

 FFDC49

 FFE67C

 FFD730

 FFE896

 FFD216

 FFF0B0

 FFCE00

 FFF5C9

 FFFAE3

 FFFEFC

FFFFFF

Harmonies

Analogous

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



FFCB75



FFE163



C0F278

Triad

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



FFE163



00FFFF



FFB8FF

Complementary

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



FFE163



6381FF

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.



F0CFFF



FFE163



00F7FF

Square

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



FFE163



00FFE7



81E6FF



FFAEDD

Rectangle

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



FFE163



8CFA96



81E6FF



FFBFFF

Sweetspot

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



FFE163



FFF6D1



FF6382



807A63



000000



808080

Same Dimension

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



FFE163



FFDB45



D0FF63



807D73



BF9A00



403300

Inverse Universe

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



6381FF



4569FF



9263FF



737580



0025BF



000C40

Previews

White Background



This preview shows how the Hex color FFE163 looks on a white background.

Color Contrast Check

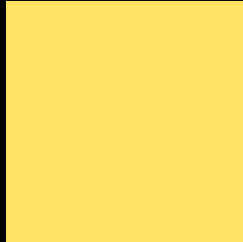
Large Text (above 18pt) WCAG AA × Fail

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 FFE163 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 FFE163 Background



This preview shows how black text looks on a background with the Hex color FFE163.



This preview shows how white text looks on a background with the Hex color FFE163.

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
FFE163

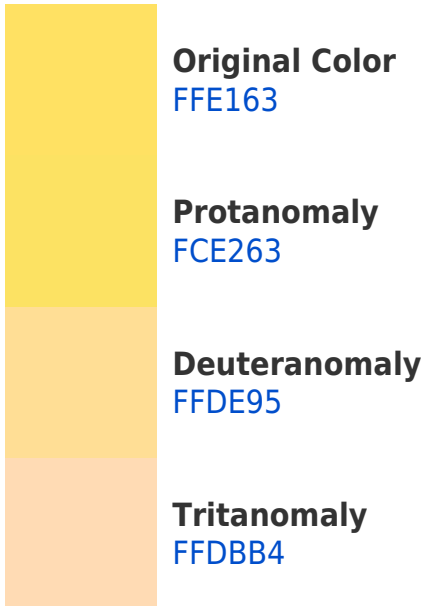
Protanopia
FBE263

Deuteranopia
FFDDB1

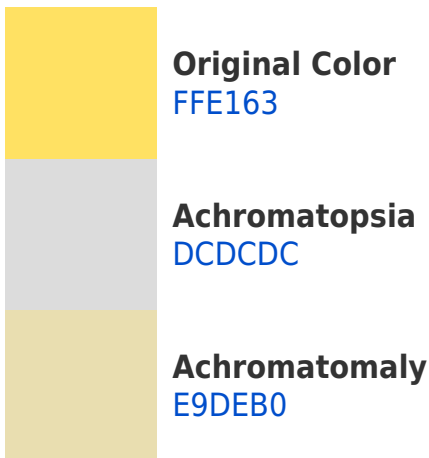


Tritanopia
FFD8E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFE163 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 #FFE163 looks like.

```
.text, #text, p{  
    color:#FFE163  
}
```

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 #FFE163 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE163
}
```

Border

The CSS property to change the border of an element to Hex FFE163 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
#FFE163 }
```

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

```
.border{ border-color:#FFE163 }
```

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

Here you see how a box with a 4 pixel #FFE163 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE163; -webkit-box-shadow:4px 4px  
4px 4px #FFE163; box-shadow:4px 4px 4px  
4px #FFE163 }
```

Background

The CSS property to change the background color of an element to Hex FFE163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE163 }
```

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

```
.background{ background-color:#FFE163 }
```

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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