

Converting Colors

Hex(FFE61D)

Have a look what the booklet for
Hex(FFE61D) contains.

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Color

Hex(FFE61D)

Conversions

Conversions Part 1

Format	Color
Hex	FFE61D
RGB	255, 230, 29
RGB Percent	100%, 90%, 11%
CMY	0.0000, 0.0980, 0.8863
CMYK	0.00, 0.10, 0.89, 0.00
HSL	53°, 100%, 56%
HSV	53°, 89%, 100%
XYZ	69.7586, 77.9423, 12.5301
YIQ	214.5610, 79.4210, -57.2110

Conversions

Conversions Part 2

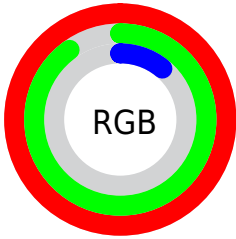
Format	Color
R_{YB}	57, 255, 29
Decimal	16770589
CIE Lab	90.75, -9.13, 86.78
CIE LCh	91, 87.256, 96.007
Yxy	77.9423, 0.4354, 0.4864
Android (android.graphics.Color)	4294960669 (0xFFFFE61D)
YUV	214.5610, -91.4816, 35.4650
Hunter-Lab	88.2850, -13.4564, 53.3846

Details

The Hex color **FFE61D** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **1D36FF**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFF64**, and **C2AF00** is the 20% darker color. If you saturate the color by 10%, you get **FFE304**, and if you desaturate by 10%, it is **FFE937**.

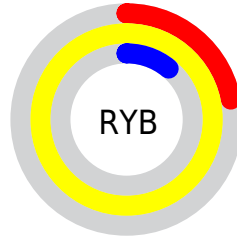
Distribution



Red (100%)

Green (90%)

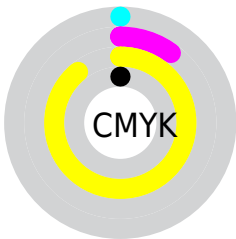
Blue (11%)



Red (22%)

Yellow (100%)

Blue (11%)

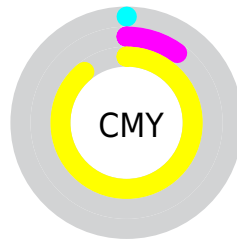


Cyan (0%)

Magenta (10%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE61D 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 FFE61D by changing the saturation by 10% instead.

 FFE61D

 FFE61D

FFFFFF

 E0CA00

 FFFF64

 C2AF00

 FFFF82

 A39500

 FFFFA0

 867B00

 FFFFBD

 696300

 FFFFDB

 4D4B00

 FFFFF9

 333500

 1B2000

 000500

 FFE61D

 FFE61D

 FFE304

 FFE937

 FFE300

 FFEC50

 FFEE6A

 FFF183

 FFF49D

 FFF7B6

 FFFAD0

 FFFDE9

FFFFFF

Harmonies

Analogous

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



FFC743



FFE61D



A7FB50

Triad

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



FFE61D



00FFFF



FFA2FF

Complementary

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



FFE61D



1D36FF

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.



FCC7FF



FFE61D



00FFFF

Square

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



FFE61D



00FFF3



01E9FF



FF92D7

Rectangle

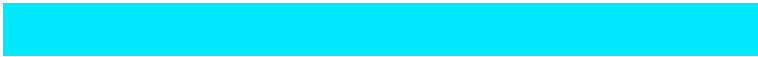
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE61D



4BFF82



01E9FF



FFAEFF

Sweetspot

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



FFE61D



FFF7BA



FF1D37



807B57



000000



808080

Same Dimension

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



FFE61D



FFE300



A8FF1D



807E73



BFAA00



403900

Inverse Universe

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



1D36FF



001CFF



741DFF



737480



0015BF



000740

Previews

White Background



This preview shows how the Hex color FFE61D looks on a white background.

Color Contrast Check

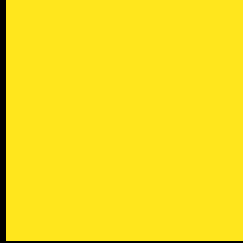
Large Text (above 18pt) WCAG AA × Fail

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 FFE61D 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 FFE61D Background



This preview shows how black text looks on a background with the Hex color FFE61D.



This preview shows how white text looks on a background with the Hex color FFE61D.

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
FFE61D

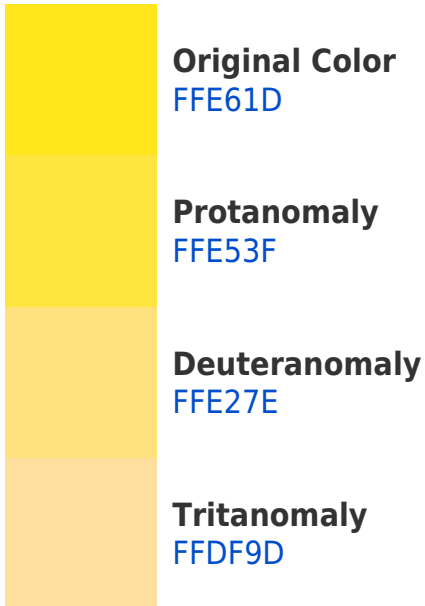
Protanopia
FFE552

Deuteranopia
FFE0B5

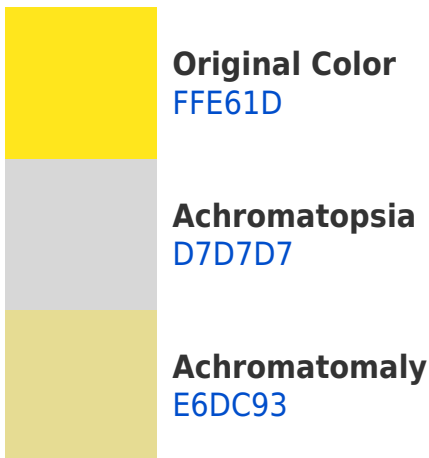


Tritanopia
FFDBE6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFE61D 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 #FFE61D looks like.

```
.text, #text, p{  
    color:#FFE61D  
}
```

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 #FFE61D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE61D
}
```

Border

The CSS property to change the border of an element to Hex FFE61D 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
#FFE61D }
```

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

```
.border{ border-color:#FFE61D }
```

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

Here you see how a box with a 4 pixel #FFE61D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE61D; -webkit-box-shadow:4px 4px  
4px 4px #FFE61D; box-shadow:4px 4px 4px  
4px #FFE61D }
```

Background

The CSS property to change the background color of an element to Hex FFE61D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE61D }
```

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

```
.background{ background-color:#FFE61D }
```

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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