

Converting Colors

Hex(FFE505)

Have a look what the booklet for
Hex(FFE505) contains.

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Color

Hex(FFE505)

Conversions

Conversions Part 1

Format	Color
Hex	FFE505
RGB	255, 229, 5
RGB Percent	100%, 90%, 2%
CMY	0.0000, 0.1020, 0.9804
CMYK	0.00, 0.10, 0.98, 0.00
HSL	54°, 100%, 51%
HSV	54°, 98%, 100%
XYZ	69.2867, 77.3096, 11.4140
YIQ	211.2380, 87.4000, -64.1520

Conversions

Conversions Part 2

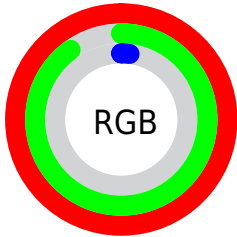
Format	Color
R _Y B	34, 255, 5
Decimal	16770309
CIE Lab	90.46, -8.90, 89.26
CIE LCh	90, 89.699, 95.695
Yxy	77.3096, 0.4385, 0.4893
Android (android.graphics.Color)	4294960389 (0xFFFFE505)
YUV	211.2380, -101.6753, 38.3793
Hunter-Lab	87.9259, -13.2100, 53.8514

Details

The Hex color **FFE505** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **051FFF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF5D**, and **C1AE00** is the 20% darker color. If you saturate the color by 10%, you get **FFE400**, and if you desaturate by 10%, it is **FFE81F**.

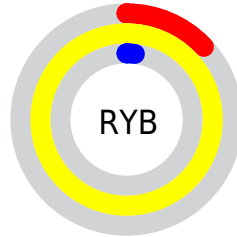
Distribution



Red (100%)

Green (90%)

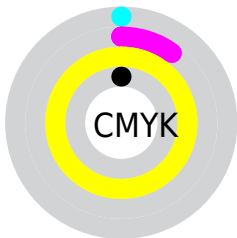
Blue (2%)



Red (13%)

Yellow (100%)

Blue (2%)

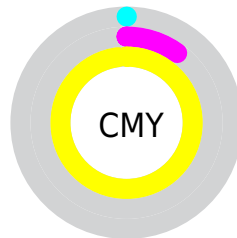


Cyan (0%)

Magenta (10%)

Yellow (98%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE505 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 FFE505 by changing the saturation by 10% instead.

 FFE505

 FFE505

FFFFFF

 E0C900

 FFFF5D

 C1AE00

 FFFF7B

 A39400

 FFFF99

 867A00

 FFFFB6

 696200

 FFFFD4

 4D4A00

 FFFFF2

 333400

 1A1F00

 000300

 FFE505

 FFE505

 FFE400

 FFE81F

 FFEA38

 FFED52

 FFF06B

 FFF285

 FFF59E

 FFF8B8

 FFFAD1

 FFFDEB

Harmonies

Analogous

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



FFC53C



FFE505



A5FB49

Triad

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



FFE505



00FFFF



FF9FFF

Complementary

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



FFE505



051FFF

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.



FAC5FF



FFE505



00FFFF

Square

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



FFE505



00FFF2



00E8FF



FF8DD7

Rectangle

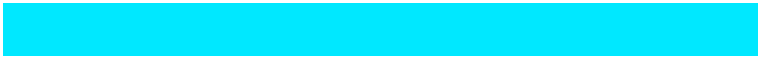
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE505



43FF7D



00E8FF



FFABFF

Sweetspot

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



FFE505



FFF7B5



FF0522



807B53



000000



808080

Same Dimension

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



FFE505



FFE400



9FFF05



807E73



BFAB00



403900

Inverse Universe

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



051FFF



001BFF



6505FF



737480



0014BF



000740

Previews

White Background



This preview shows how the Hex color FFE505 looks on a white background.

Color Contrast Check

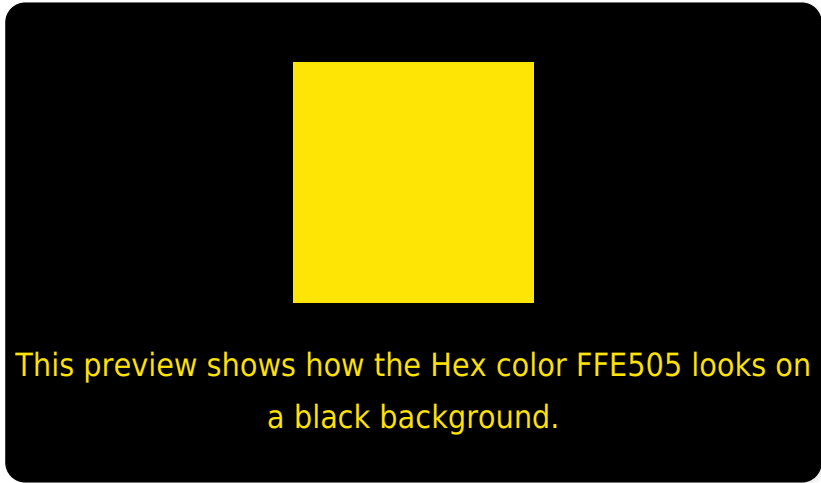
Large Text (above 18pt) WCAG AA × Fail

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 FFE505 Background



This preview shows how black text looks on a background with the Hex color FFE505.



This preview shows how white text looks on a background with the Hex color FFE505.

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
FFE505

Protanopia
FFE445

Deuteranopia
FFDFB2

Trichromacy



Original Color
FFE505



Protanomaly
FFE42E



Deuteranomaly
FFE173

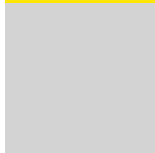


Tritanomaly
FFDE94

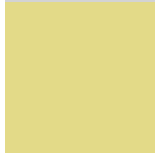
Monochromacy



Original Color
FFE505



Achromatopsia
D3D3D3



Achromatomaly
E3DA88

CSS Examples

Text

The CSS property to change the color of the text to Hex FFE505 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 #FFE505 looks like.

```
.text, #text, p{  
    color:#FFE505  
}
```

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 #FFE505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE505
}
```

Border

The CSS property to change the border of an element to Hex FFE505 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
#FFE505 }
```

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

```
.border{ border-color:#FFE505 }
```

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

Here you see how a box with a 4 pixel #FFE505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE505; -webkit-box-shadow:4px 4px  
4px 4px #FFE505; box-shadow:4px 4px 4px  
4px #FFE505 }
```

Background

The CSS property to change the background color of an element to Hex FFE505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE505 }
```

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

```
.background{ background-color:#FFE505 }
```

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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