

Converting Colors

Hex(FFE550)

Have a look what the booklet for
Hex(FFE550) contains.

| | |
|--|----|
| Hex(FFE550) | 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(FFE550)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE550 |
| RGB | 255, 229, 80 |
| RGB Percent | 100%, 90%, 31% |
| CMY | 0.0000, 0.1020, 0.6863 |
| CMYK | 0.00, 0.10, 0.69, 0.00 |
| HSL | 51°, 100%, 66% |
| HSV | 51°, 69%, 100% |
| XYZ | 70.7073, 77.8778, 18.8947 |
| YIQ | 219.7880, 63.3250, -40.8270 |

Conversions

Conversions Part 2

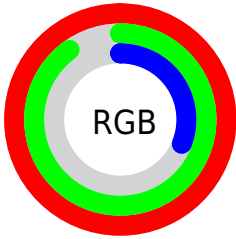
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 111, 255, 80 |
| Decimal | 16770384 |
| CIE Lab | 90.72, -6.97, 72.45 |
| CIE LCh | 91, 72.786, 95.494 |
| Yxy | 77.8778, 0.4222, 0.4650 |
| Android (android.graphics.Color) | 4294960464 (0xFFFFE550) |
| YUV | 219.7880, -68.9155, 30.8809 |
| Hunter-Lab | 88.2484, -11.4151, 49.0794 |

Details

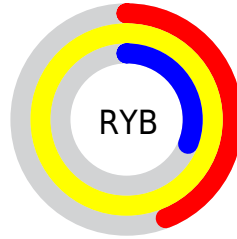
The Hex color **FFE550** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **506AFF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF89**, and **C3AE05** is the 20% darker color. If you saturate the color by 10%, you get **FFE137**, and if you desaturate by 10%, it is **FFE96A**.

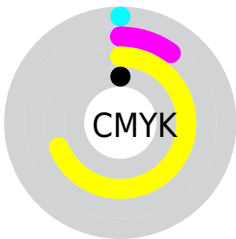
Distribution



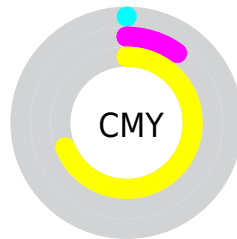
- Red (100%)
- Green (90%)
- Blue (31%)



- Red (44%)
- Yellow (100%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFE550 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 FFE550 by changing the saturation by 10% instead.

 FFE550

 FFE550

FFFFFF

 E1C932

 FFFF89

 C3AE05

 FFFFA5

 A59400

 FFFFC2

 887A00

 FFFFDF

 6C6100

 FFFFFC

 504A00

 363400

 1D1F00

 000500

 FFE550

 FFE550

 FFE137

 FFE96A

 FFDD1D

 FFED83

 FFDA04

 FFF09D

 FFD900

 FFF4B6

 FFF8D0

 FFFCE9

FFFFFF

Harmonies

Analogous

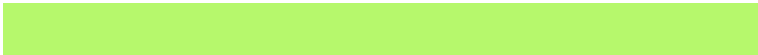
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFCC63



FFE550



B6F86C

Triad

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



FFE550



00FFFF



FFB2FF

Complementary

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



FFE550



506AFF

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.



F9CDFF



FFE550



00FBFF

Square

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



FFE550



00FFF0



72E8FF



FFA6DA

Rectangle

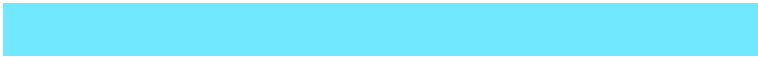
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFE550



76FF92



72E8FF



FFBAFF

Sweetspot

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



FFE550



FFF7C9



FF506A



807B60



000000



808080

Same Dimension

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



FFE550



FFE02E



C2FF50



807E73



BFA300



403600

Inverse Universe

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



506AFF



2E4DFF



8D50FF



737580



001CBF



000940

Previews

White Background



This preview shows how the Hex color FFE550 looks on a white background.

Color Contrast Check

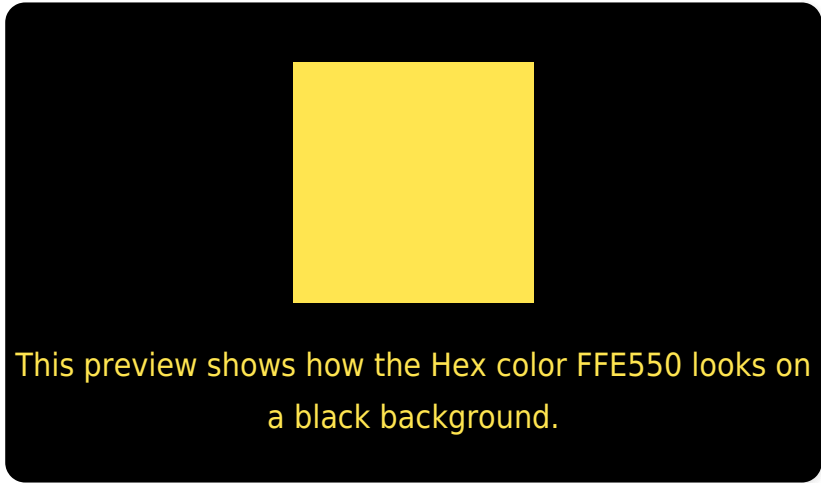
Large Text (above 18pt) WCAG AA × Fail

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 FFE550 Background



This preview shows how black text looks on a background with the Hex color FFE550.



This preview shows how white text looks on a background with the Hex color FFE550.

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
FFE550

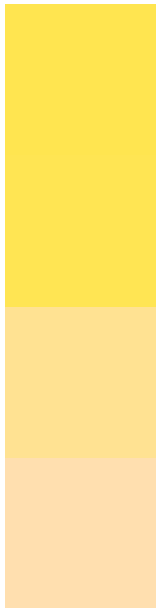
Protanopia
FFE555

Deuteranopia
FFE0B7



Tritanopia
FFDBE6

Trichromacy



Original Color
FFE550

Protanomaly
FFE553

Deuteranomaly
FFE292

Tritanomaly
FFDFAF

Monochromacy



Original Color
FFE550

Achromatopsia
DCDCDC

Achromatomaly
E9DFA9

CSS Examples

Text

The CSS property to change the color of the text to Hex FFE550 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 #FFE550 looks like.

```
.text, #text, p{  
    color:#FFE550  
}
```

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 #FFE550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE550
}
```

Border

The CSS property to change the border of an element to Hex FFE550 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
#FFE550 }
```

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

```
.border{ border-color:#FFE550 }
```

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

Here you see how a box with a 4 pixel #FFE550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE550; -webkit-box-shadow:4px 4px  
4px 4px #FFE550; box-shadow:4px 4px 4px  
4px #FFE550 }
```

Background

The CSS property to change the background color of an element to Hex FFE550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE550 }
```

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

```
.background{ background-color:#FFE550 }
```

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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