

Converting Colors

Hex(FFE357)

Have a look what the booklet for
Hex(FFE357) contains.

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Color

Hex(FFE357)

Conversions

Conversions Part 1

Format	Color
Hex	FFE357
RGB	255, 227, 87
RGB Percent	100%, 89%, 34%
CMY	0.0000, 0.1098, 0.6588
CMYK	0.00, 0.11, 0.66, 0.00
HSL	50°, 100%, 67%
HSV	50°, 66%, 100%
XYZ	70.4294, 76.8863, 20.1453
YIQ	219.4120, 61.6280, -37.6040

Conversions

Conversions Part 2

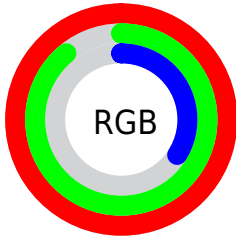
Format	Color
RYB	121, 255, 87
Decimal	16769879
CIELab	90.27, -5.60, 69.26
CIElCh	90, 69.485, 94.625
Yxy	76.8863, 0.4206, 0.4591
Android (android.graphics.Color)	4294959959 (0xFFFFE357)
YUV	219.4120, -65.2791, 31.2107
Hunter-Lab	87.6848, -10.0754, 47.7577

Details

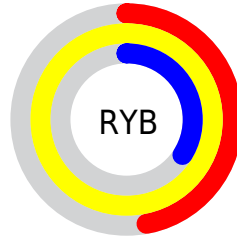
The Hex color **FFE357** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **5773FF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF8F**, and **C3AC18** is the 20% darker color. If you saturate the color by 10%, you get **FFDF3E**, and if you desaturate by 10%, it is **FFE771**.

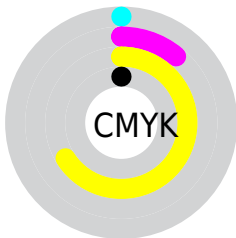
Distribution



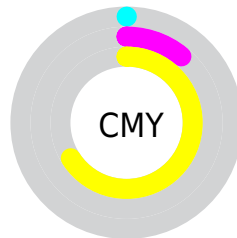
- Red (100%)
- Green (89%)
- Blue (34%)



- Red (47%)
- Yellow (100%)
- Blue (34%)



- Cyan (0%)
- Magenta (11%)
- Yellow (66%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Hex color FFE357 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 FFE357 by changing the saturation by 10% instead.

 FFE357

 FFE357

FFFFFF

 E1C73A

 FFFF8F

 C3AC18

 FFFFAB

 A59200

 FFFFC8

 897800

 FFFF E5

 6D6000

 514800

 363200

 1E1D00

 000200

 FFE357

 FFE357

 FFDF3E

 FFE771

 FFDB24

 FFE88A

 FFD60B

 FFF0A4

 FFD400

 FFF4BD

 FFF8D7

 FFFDF0

FFFFFF

Harmonies

Analogous

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



FFCB6A



FFE357



BAF570

Triad

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



FFE357



00FFFF



FFB4FF

Complementary

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



FFE357



5773FF

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.



F5CDFF



FFE357



00F9FF

Square

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



FFE357



00FFEC



76E7FF



FFA8DB

Rectangle

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



FFE357



7FFD93



76E7FF



FFBCFF

Sweetspot

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



FFE357



FFF7CC



FF5773



807A61



000000



808080

Same Dimension

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



FFE357



FFDD36



C7FF57



807D73



BF9F00



403500

Inverse Universe

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



5773FF



3657FF



8F57FF



737580



0020BF



000B40

Previews

White Background



This preview shows how the Hex color FFE357 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 FFE357 Background



This preview shows how black text looks on a background with the Hex color FFE357.



This preview shows how white text looks on a background with the Hex color FFE357.

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
FFE357

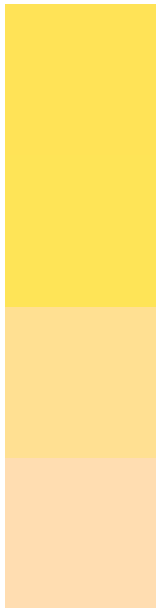
Protanopia
FDE457

Deuteranopia
FFDEB3



Tritanopia
FFD9E5

Trichromacy



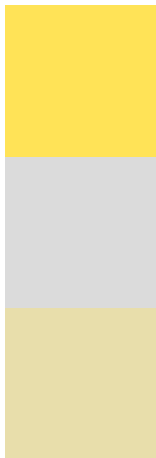
Original Color
FFE357

Protanomaly
FEE457

Deuteranomaly
FFE092

Tritanomaly
FFDDB1

Monochromacy



Original Color
FFE357

Achromatopsia
DBDBDB

Achromatomaly
E8DEAB

CSS Examples

Text

The CSS property to change the color of the text to Hex FFE357 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 #FFE357 looks like.

```
.text, #text, p{  
    color:#FFE357  
}
```

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 #FFE357 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE357
}
```

Border

The CSS property to change the border of an element to Hex FFE357 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
#FFE357 }
```

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

```
.border{ border-color:#FFE357 }
```

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

Here you see how a box with a 4 pixel #FFE357 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE357; -webkit-box-shadow:4px 4px  
4px 4px #FFE357; box-shadow:4px 4px 4px  
4px #FFE357 }
```

Background

The CSS property to change the background color of an element to Hex FFE357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE357 }
```

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

```
.background{ background-color:#FFE357 }
```

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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