

Converting Colors

Hex(FDE355)

Have a look what the booklet for
Hex(FDE355) contains.

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Color

Hex(FDE355)

Conversions

Conversions Part 1

Format	Color
Hex	FDE355
RGB	253, 227, 85
RGB Percent	99%, 89%, 33%
CMY	0.0078, 0.1098, 0.6667
CMYK	0.00, 0.10, 0.66, 0.01
HSL	51°, 98%, 66%
HSV	51°, 66%, 99%
XYZ	69.6168, 76.4767, 19.6866
YIQ	218.5860, 61.0780, -38.6500

Conversions

Conversions Part 2

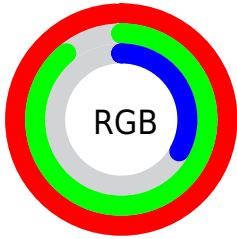
Format	Color
R _Y B	116, 253, 85
Decimal	16638805
CIE Lab	90.08, -6.53, 69.80
CIE LCh	90, 70.110, 95.348
Yxy	76.4767, 0.4199, 0.4613
Android (android.graphics.Color)	4294828885 (0xFFFDE355)
YUV	218.5860, -65.8579, 30.1811
Hunter-Lab	87.4510, -10.9413, 47.8685

Details

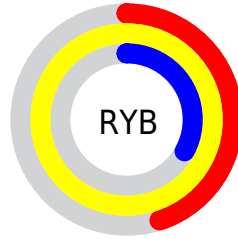
The Hex color **FDE355** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **556FFD**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF8D**, and **C1AC14** is the 20% darker color. If you saturate the color by 10%, you get **FDDF3C**, and if you desaturate by 10%, it is **FDE76E**.

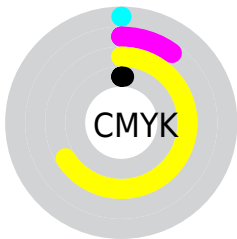
Distribution



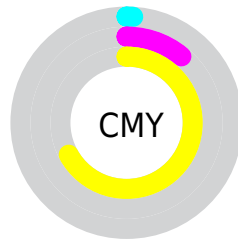
- Red (99%)
- Green (89%)
- Blue (33%)



- Red (45%)
- Yellow (99%)
- Blue (33%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (1%)



- Cyan (1%)
- Magenta (11%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FDE355 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 FDE355 by changing the saturation by 10% instead.

 FDE355

 FDE355

FFFFFF

 DFC738

 FFFF8D

 C1AC14

 FFFFA9

 A39200

 FFFFC6

 877800

 FFFF E3

 6B6000

 4F4800

 353200

 1C1D00

 000100

 FDE355

 FDE355

 FDDF3C

 FDE76E

 FDD822

 FDEB88

 FDD709

 FDEFA1

 FDD600

 FDF3BA

 FDF7D4

 FDFAED

 FDFFEF

 FDFFFF

Harmonies

Analogous

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



FFCB67



FDE355



B7F56F

Triad

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



FDE355



00FFFF



FFB2FF

Complementary

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



FDE355



556FFD

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.



F6CCFF



FDE355



00F8FF

Square

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



FDE355



00FFED



78E6FF



FFA7D9

Rectangle

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



FDE355



7BFD93



78E6FF



FFBAFF

Sweetspot

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



FDE355



FFF7CC



FD5571



807B61



000000



808080

Same Dimension

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



FDE355



FFDF33



C5FD55



807E73



BFA200



403600

Inverse Universe

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



556FFD



3353FF



8D55FD



737580



001EBF



000A40

Previews

White Background



This preview shows how the Hex color FDE355 looks on a white background.

Color Contrast Check

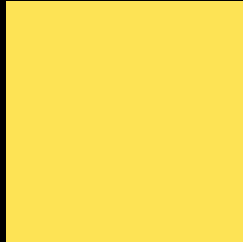
Large Text (above 18pt) WCAG AA × Fail

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 FDE355 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 FDE355 Background



This preview shows how black text looks on a background with the Hex color FDE355.

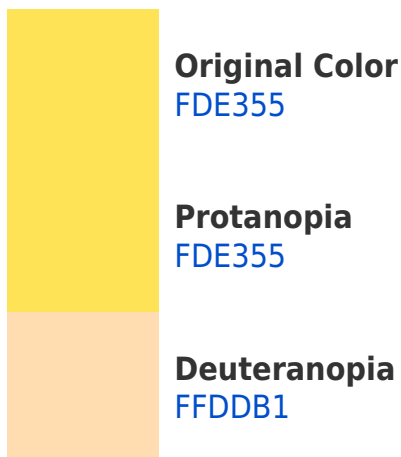


This preview shows how white text looks on a background with the Hex color FDE355.

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](#).

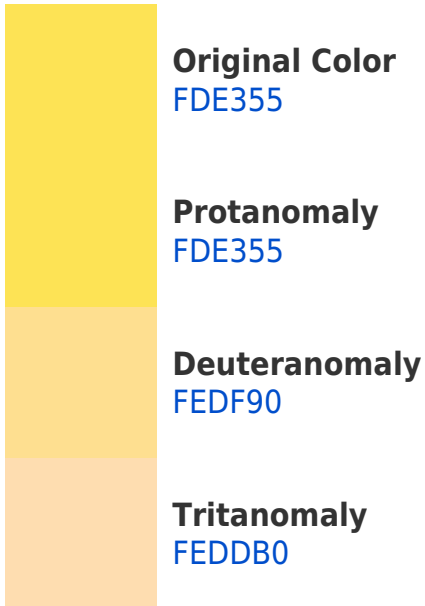
Dichromacy



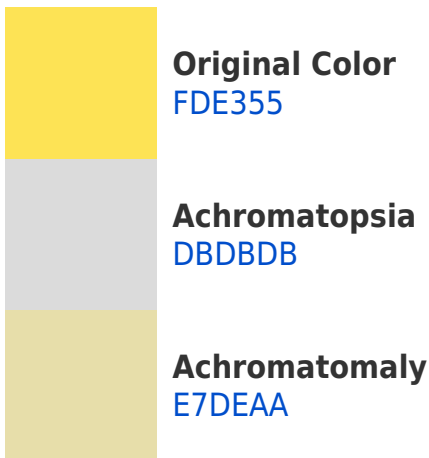


Tritanopia
FFD9E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FDE355 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 #FDE355 looks like.

```
.text, #text, p{  
    color:#FDE355  
}
```

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 #FDE355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDE355
}
```

Border

The CSS property to change the border of an element to Hex FDE355 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
#FDE355 }
```

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

```
.border{ border-color:#FDE355 }
```

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

Here you see how a box with a 4 pixel #FDE355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDE355; -webkit-box-shadow:4px 4px  
4px 4px #FDE355; box-shadow:4px 4px 4px  
4px #FDE355 }
```

Background

The CSS property to change the background color of an element to Hex FDE355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDE355 }
```

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

```
.background{ background-color:#FDE355 }
```

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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