

Converting Colors

Hex(7FDE55)

Have a look what the booklet for
Hex(7FDE55) contains.

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Color

Hex(7FDE55)

Conversions

Conversions Part 1

Format	Color
Hex	7FDE55
RGB	127, 222, 85
RGB Percent	50%, 87%, 33%
CMY	0.5020, 0.1294, 0.6667
CMYK	0.43, 0.00, 0.62, 0.13
HSL	102°, 67%, 60%
HSV	102°, 62%, 87%
XYZ	36.5134, 57.4105, 17.7512
YIQ	177.9770, -12.6430, -62.7470

Conversions

Conversions Part 2

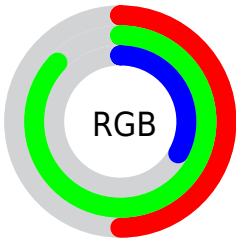
Format	Color
RYB	85, 222, 180
Decimal	8379989
CIELab	80.41, -52.08, 56.97
CIELCh	80, 77.188, 132.437
Yxy	57.4105, 0.3270, 0.5141
Android (android.graphics.Color)	4286570069 (0xFF7FDE55)
YUV	177.9770, -45.8377, -44.7068
Hunter-Lab	75.7697, -46.5779, 39.1484

Details

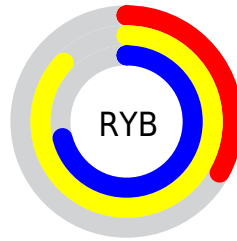
The Hex color **7FDE55** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **B455DE**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B9FF8B**, and **44A61B** is the 20% darker color. If you saturate the color by 10%, you get **70DE3F**, and if you desaturate by 10%, it is **8EDE6B**.

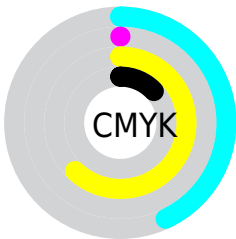
Distribution



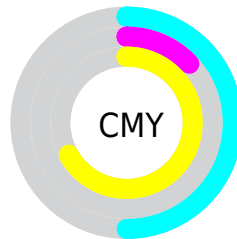
- Red (50%)
- Green (87%)
- Blue (33%)



- Red (33%)
- Yellow (87%)
- Blue (71%)



- Cyan (43%)
- Magenta (0%)
- Yellow (62%)
- Black (13%)



- Cyan (50%)
- Magenta (13%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FDE55 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 7FDE55 by changing the saturation by 10% instead.

 7FDE55

 7FDE55

FFFFFF

 62C23A

 B9FF8B

 44A61B

 D7FFA7

 218B00

 F4FFC3

 007100

 FFFFE0

 005700

FFFFFFD

 003F00

 002900

 000300

 000000

 7FDE55

 7FDE55

 70DE3F

 8EDE6B

 60DE29

 9EDE81

 51DE12

 ADDE98

 44DE00

 BDDEAE

 CCDEC4

 DBDEDA

 EBDEF0

 FADEFF

 FFDEFF

Harmonies

Analogous

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



D0CD24



7FDE55



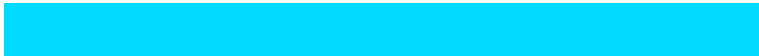
00E799

Triad

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



7FDE55



00DBFF



FF82AC

Complementary

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



7FDE55



B455DE

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.



FF8AF5



7FDE55



6CC6FF

Square

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



7FDE55



00E7FF



F1A7FF



FF9769

Rectangle

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



7FDE55



00EACB



F1A7FF



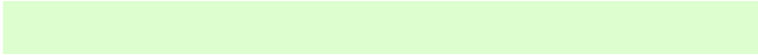
FF81C5

Sweetspot

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



7FDE55



DFFCF



DEB355



6B8062



000000



808080

Same Dimension

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



7FDE55



7CFF42



55DE6E



687065



36B000



0F3000

Inverse Universe

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



B455DE



C542FF



DE55C5



6D6570



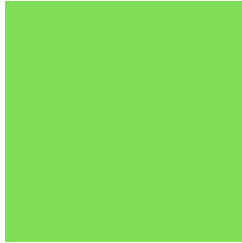
7A00B0



220030

Previews

White Background



This preview shows how the Hex color 7FDE55 looks on a white background.

Color Contrast Check

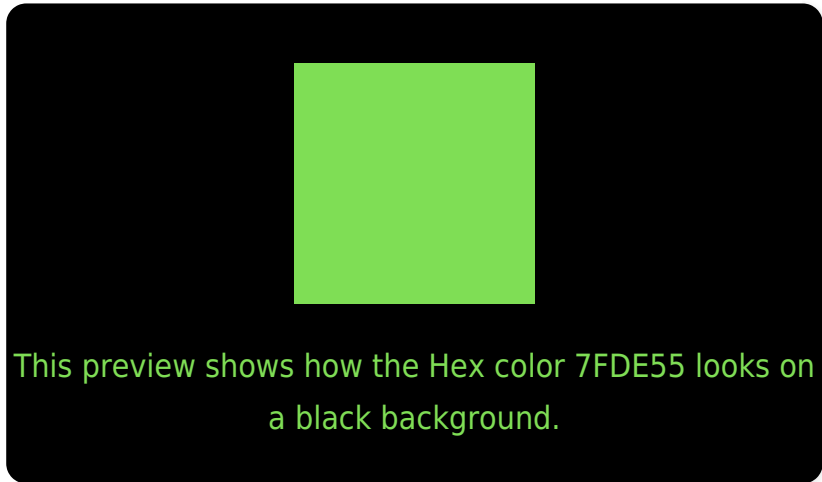
Large Text (above 18pt) WCAG AA × Fail

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 7FDE55 Background



This preview shows how black text looks on a background with the Hex color 7FDE55.

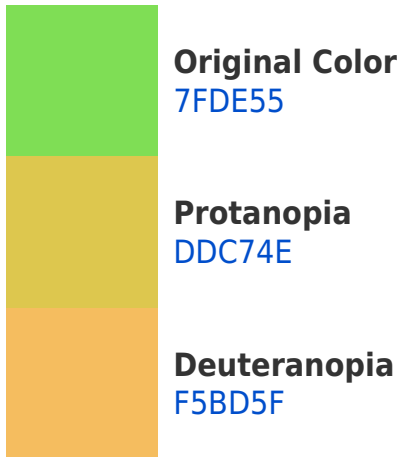


This preview shows how white text looks on a background with the Hex color 7FDE55.

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
97D0E1

Trichromacy



Original Color
7FDE55



Protanomaly
BBCF51



Deuteranomaly
CAC95B



Tritanomaly
8ED5AE

Monochromacy



Original Color
7FDE55



Achromatopsia
B2B2B2



Achromatomaly
9FC290

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FDE55 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 #7FDE55 looks like.

```
.text, #text, p{  
    color:#7FDE55  
}
```

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 #7FDE55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDE55
}
```

Border

The CSS property to change the border of an element to Hex 7FDE55 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
#7FDE55 }
```

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

```
.border{ border-color:#7FDE55 }
```

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

Here you see how a box with a 4 pixel #7FDE55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDE55; -webkit-box-shadow:4px 4px  
4px 4px #7FDE55; box-shadow:4px 4px 4px  
4px #7FDE55 }
```

Background

The CSS property to change the background color of an element to Hex 7FDE55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDE55 }
```

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

```
.background{ background-color:#7FDE55 }
```

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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