

Converting Colors

Hex(6FDE49)

Have a look what the booklet for
Hex(6FDE49) contains.

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Color

Hex(6FDE49)

Conversions

Conversions Part 1

Format	Color
Hex	6FDE49
RGB	111, 222, 73
RGB Percent	44%, 87%, 29%
CMY	0.5647, 0.1294, 0.7137
CMYK	0.50, 0.00, 0.67, 0.13
HSL	105°, 69%, 58%
HSV	105°, 67%, 87%
XYZ	33.8794, 56.1031, 15.3467
YIQ	171.8250, -18.3270, -69.8710

Conversions

Conversions Part 2

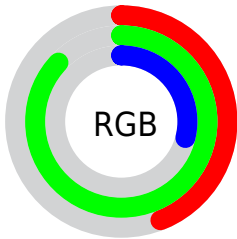
Format	Color
RYB	73, 222, 184
Decimal	7331401
CIELab	79.67, -57.87, 60.87
CIELCh	80, 83.985, 133.551
Yxy	56.1031, 0.3217, 0.5326
Android (android.graphics.Color)	4285521481 (0xFF6FDE49)
YUV	171.8250, -48.7207, -53.3435
Hunter-Lab	74.9020, -50.3400, 40.2835

Details

The Hex color **6FDE49** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **B849DE**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **AAFF80**, and **2DA600** is the 20% darker color. If you saturate the color by 10%, you get **5EDE33**, and if you desaturate by 10%, it is **80DE5F**.

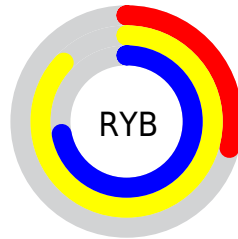
Distribution



Red (44%)

Green (87%)

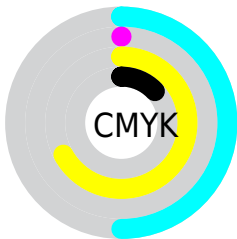
Blue (29%)



Red (29%)

Yellow (87%)

Blue (72%)

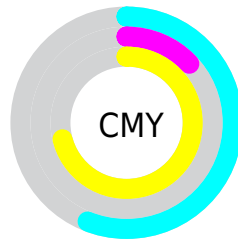


Cyan (50%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (56%)

Magenta (13%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FDE49 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 6FDE49 by changing the saturation by 10% instead.

 6FDE49

 6FDE49

FFFFFF

 50C22C

 AAFF80

 2DA600

 C8FF9C

 008B00

 E6FFB8

 007000

 FFFFD5

 005700

 FFFFF2

 003E00

 002700

 000000

 6FDE49

 6FDE49

 5EDE33

 80DE5F

 4EDE1D

 90DE75

 3DDE06

 A1DE8C

 39DE00

 B1DEA2

 C2DEB8

 D2DECE

 E3DEE4

 F3DEFB

 FFDEFF

Harmonies

Analogous

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



CACD00



6FDE49



00E796

Triad

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



6FDE49



00DAFF



FF76A5

Complementary

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



6FDE49



B849DE

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.



FF7EF4



6FDE49



5CC3FF

Square

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



6FDE49



00E6FF



F6A0FF



FF905C

Rectangle

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



6FDE49



00EACD



F6A0FF



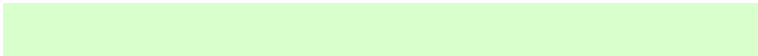
FF74BF

Sweetspot

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



6FDE49



D9FFCC



DEB649



698061



000000



808080

Same Dimension

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



6FDE49



65FF30



49DE6C



687065



2DB000



0C3000

Inverse Universe

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



B849DE



CA30FF



DE49BB



6D6570



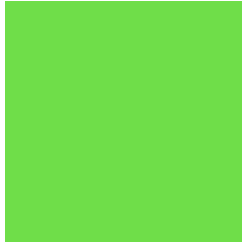
8300B0



240030

Previews

White Background



This preview shows how the Hex color 6FDE49 looks on a white background.

Color Contrast Check

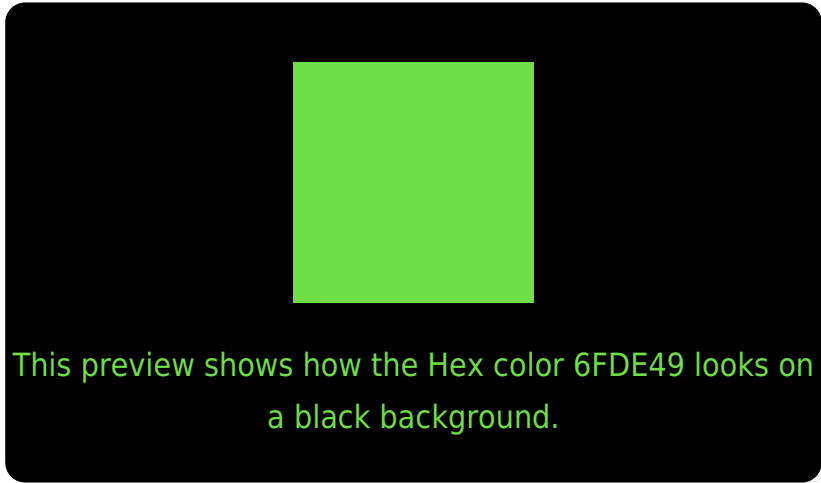
Large Text (above 18pt) WCAG AA × Fail

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

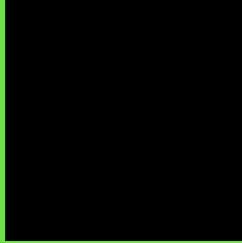
Any Text WCAG AA ✓ Pass

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 6FDE49 Background



This preview shows how black text looks on a background with the Hex color 6FDE49.

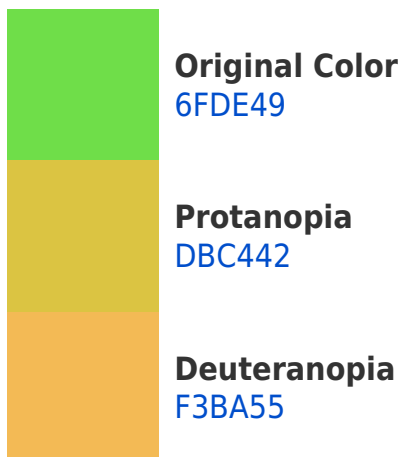


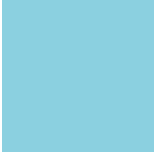
This preview shows how white text looks on a background with the Hex color 6FDE49.

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](#).

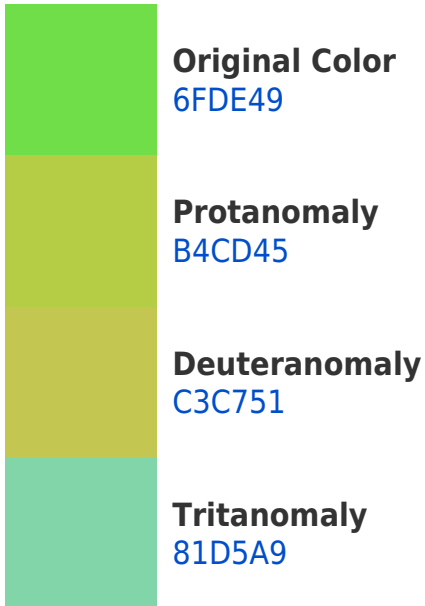
Dichromacy



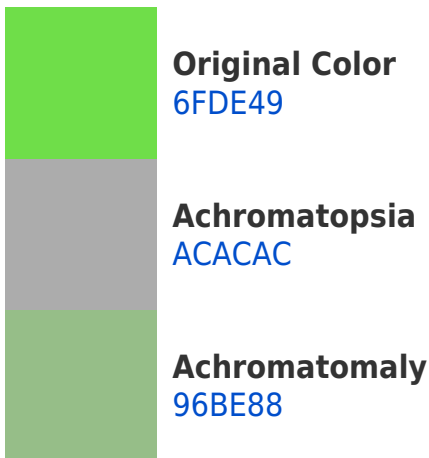


Tritanopia
8BD0E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FDE49 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 #6FDE49 looks like.

```
.text, #text, p{  
    color:#6FDE49  
}
```

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 #6FDE49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FDE49
}
```

Border

The CSS property to change the border of an element to Hex 6FDE49 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
#6FDE49 }
```

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

```
.border{ border-color:#6FDE49 }
```

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

Here you see how a box with a 4 pixel #6FDE49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FDE49; -webkit-box-shadow:4px 4px  
4px 4px #6FDE49; box-shadow:4px 4px 4px  
4px #6FDE49 }
```

Background

The CSS property to change the background color of an element to Hex 6FDE49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FDE49 }
```

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

```
.background{ background-color:#6FDE49 }
```

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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