

Converting Colors

Hex(5FDE0B)

Have a look what the booklet for
Hex(5FDE0B) contains.

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Color

Hex(5FDE0B)

Conversions

Conversions Part 1

Format	Color
Hex	5FDE0B
RGB	95, 222, 11
RGB Percent	37%, 87%, 4%
CMY	0.6275, 0.1294, 0.9569
CMYK	0.57, 0.00, 0.95, 0.13
HSL	96°, 91%, 46%
HSV	96°, 95%, 87%
XYZ	30.9010, 54.6996, 9.2460
YIQ	159.9730, -7.9610, -92.5450

Conversions

Conversions Part 2

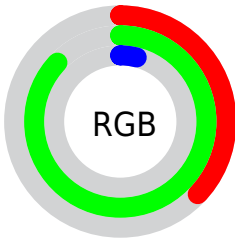
Format	Color
RYB	11, 222, 138
Decimal	6282763
CIELab	78.87, -65.11, 75.66
CIELCh	79, 99.814, 130.713
Yxy	54.6996, 0.3258, 0.5767
Android (android.graphics.Color)	4284472843 (0xFF5FDE0B)
YUV	159.9730, -73.4437, -56.9813
Hunter-Lab	73.9592, -54.8492, 44.3593

Details

The Hex color **5FDE0B** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8A0BDE**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **9EFF59**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **58DE00**, and if you desaturate by 10%, it is **6CDE21**.

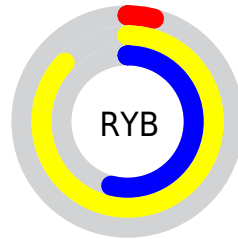
Distribution



Red (37%)

Green (87%)

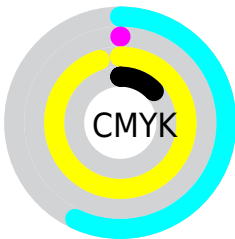
Blue (4%)



Red (4%)

Yellow (87%)

Blue (54%)

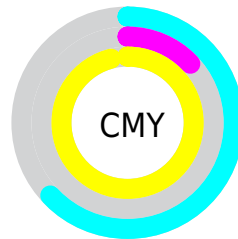


Cyan (57%)

Magenta (0%)

Yellow (95%)

Black (13%)



Cyan (63%)

Magenta (13%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FDE0B 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 5FDE0B by changing the saturation by 10% instead.

 5FDE0B

 5FDE0B

FFFFFF

 3BC100

 9EFF59

 00A600

 BDFF76

 008A00

 DBFF93

 007000

 FAFFB0

 005600

 FFFFCE

 003D00

 FFFFEB

 002500

 000000

 5FDE0B

 5FDE0B

■ 58DE00

■ 6CDE21

■ 7ADE37

■ 87DE4E

■ 94DE64

■ A2DE7A

■ AFDE90

■ BDDEA6

■ CADEBD

■ D7DED3

Harmonies

Analogous

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



CCCA00



5FDE0B



00E882

Triad

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



5FDE0B



00DEFF



FF51A6

Complementary

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



5FDE0B



8A0BDE

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.



FF65FF



5FDE0B



00C4FF

Square

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



5FDE0B



00EAFF



EE99FF



FF7A4D

Rectangle

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



5FDE0B



00EBC3



EE99FF



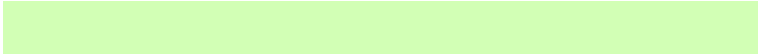
FF50C5

Sweetspot

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



5FDE0B



D2FFB5



DE8A0B



658053



000000



808080

Same Dimension

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



5FDE0B



66FF00



0BDE20



697065



46B000



133000

Inverse Universe

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



8A0BDE



9900FF



DE0BC9



6C6570



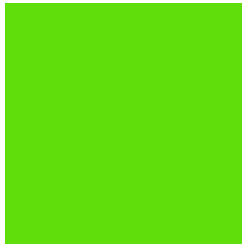
6A00B0



1D0030

Previews

White Background



This preview shows how the Hex color 5FDE0B looks on a white background.

Color Contrast Check

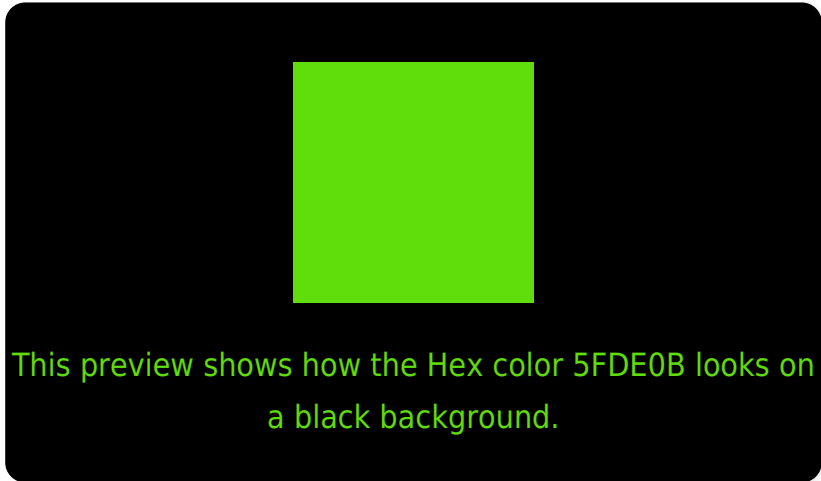
Large Text (above 18pt) WCAG AA × Fail

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 5FDE0B Background



This preview shows how black text looks on a background with the Hex color 5FDE0B.

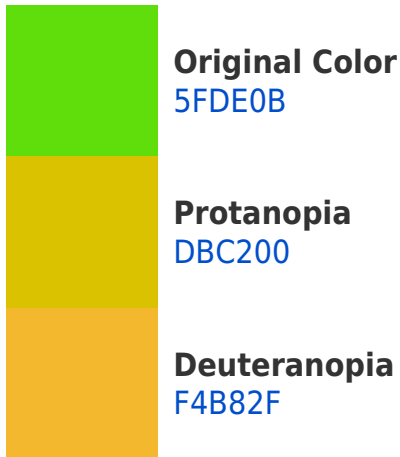


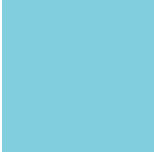
This preview shows how white text looks on a background with the Hex color 5FDE0B.

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](#).

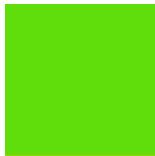
Dichromacy





Tritanopia
81CEDF

Trichromacy



Original Color
5FDE0B



Protanomaly
AECC04



Deuteranomaly
BEC622



Tritanomaly
75D492

Monochromacy



Original Color
5FDE0B



Achromatopsia
A0A0A0



Achromatomaly
88B76A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FDE0B 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 #5FDE0B looks like.

```
.text, #text, p{  
    color:#5FDE0B  
}
```

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 #5FDE0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FDE0B
}
```

Border

The CSS property to change the border of an element to Hex 5FDE0B 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
#5FDE0B }
```

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

```
.border{ border-color:#5FDE0B }
```

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

Here you see how a box with a 4 pixel #5FDE0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FDE0B; -webkit-box-shadow:4px 4px  
4px 4px #5FDE0B; box-shadow:4px 4px 4px  
4px #5FDE0B }
```

Background

The CSS property to change the background color of an element to Hex 5FDE0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FDE0B }
```

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

```
.background{ background-color:#5FDE0B }
```

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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