

Converting Colors

Hex(CCDF46)

Have a look what the booklet for
Hex(CCDF46) contains.

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Color

Hex(CCDF46)

Conversions

Conversions Part 1

Format	Color
Hex	CCDF46
RGB	204, 223, 70
RGB Percent	80%, 87%, 27%
CMY	0.2000, 0.1255, 0.7255
CMYK	0.09, 0.00, 0.69, 0.13
HSL	67°, 71%, 57%
HSV	67°, 69%, 87%
XYZ	52.3950, 66.0549, 15.7827
YIQ	199.8770, 37.7890, -51.6110

Conversions

Conversions Part 2

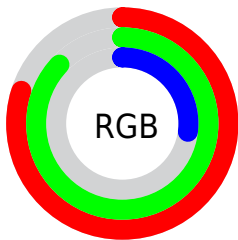
Format	Color
RYB	70, 223, 89
Decimal	13426502
CIELab	85.02, -25.48, 69.12
CIELCh	85, 73.666, 110.234
Yxy	66.0549, 0.3903, 0.4921
Android (android.graphics.Color)	4291616582 (0xFFCCDF46)
YUV	199.8770, -64.0294, 3.6159
Hunter-Lab	81.2742, -27.1563, 45.3783

Details

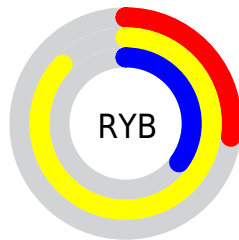
The Hex color **CCDF46** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5946DF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF7F**, and **92A800** is the 20% darker color. If you saturate the color by 10%, you get **C9DF30**, and if you desaturate by 10%, it is **CFDF5C**.

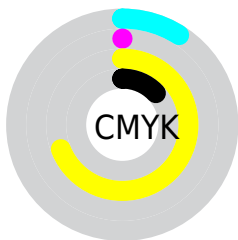
Distribution



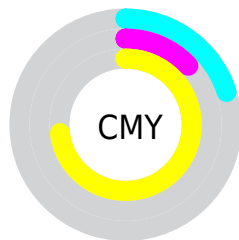
- Red (80%)
- Green (87%)
- Blue (27%)



- Red (27%)
- Yellow (87%)
- Blue (35%)



- Cyan (9%)
- Magenta (0%)
- Yellow (69%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCDF46 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 CCDF46 by changing the saturation by 10% instead.

 CCDF46

 CCDF46

FFFFFF

 AFC326

 FFFF7F

 92A800

 FFFF9B

 768E00

 FFFFB7

 5B7400

 FFFFD4

 3F5B00

 FFFFF2

 244400

 062D00

 001A00

 000000

 CCDF46

 CCDF46

 C9DF30

 CFDF5C

 C6DF19

 D2DF73

 C4DF03

 D4DF89

 C3DF00

 D7DF9F

 DADFB6

 DDDFCC

 DFDFE2

 E2DFF8

 E5DFFF

Harmonies

Analogous

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



FFC942



CCDF46



77ED77

Triad

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



CCDF46



00F1FF



FF97EE

Complementary

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



CCDF46



5946DF

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.



FFAEFF



CCDF46



00E3FF

Square

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



CCDF46



00F6FF



ADCBFF



FF97A8

Rectangle

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



CCDF46



00F3A3



ADCBFF



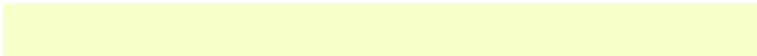
FF9DFF

Sweetspot

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



CCDF46



F8FFC9



DF5846



7C8060



000000



808080

Same Dimension

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



CCDF46



E5FF2E



81DF46



6F7065



9AB000



2A3000

Inverse Universe

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



5946DF



482EFF



A446DF



666570



1600B0



060030

Previews

White Background



This preview shows how the Hex color CCDF46 looks on a white background.

Color Contrast Check

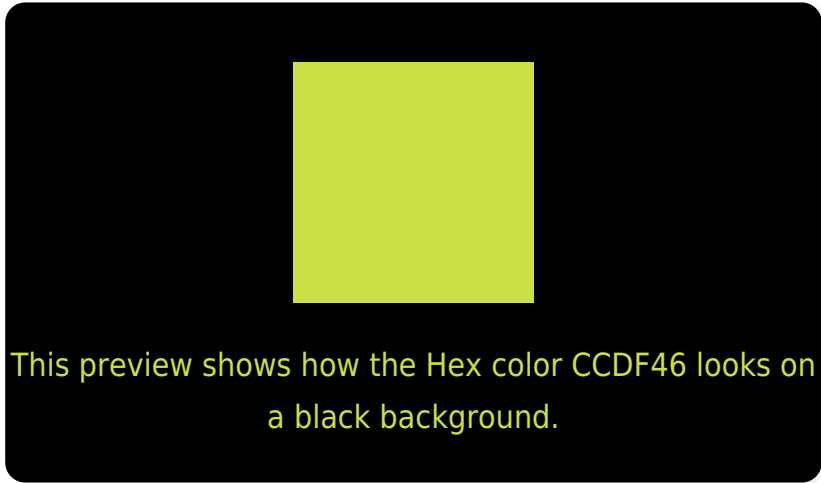
Large Text (above 18pt) WCAG AA × Fail

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 CCDF46 Background



This preview shows how black text looks on a background with the Hex color CCDF46.



This preview shows how white text looks on a background with the Hex color CCDF46.

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
CCDF46

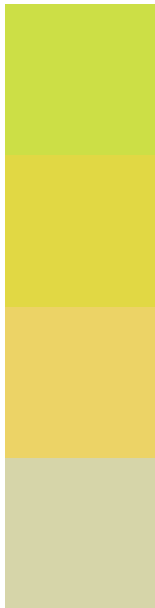
Protanopia
EDD443

Deuteranopia
FFCC78



Tritanopia
DBD0E1

Trichromacy



Original Color
CCDF46

Protanomaly
E1D844

Deuteranomaly
ECD366

Tritanomaly
D6D5A9

Monochromacy



Original Color
CCDF46

Achromatopsia
C8C8C8

Achromatomaly
C9D099

CSS Examples

Text

The CSS property to change the color of the text to Hex CCDF46 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 #CCDF46 looks like.

```
.text, #text, p{  
    color:#CCDF46  
}
```

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 #CCDF46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCDF46
}
```

Border

The CSS property to change the border of an element to Hex CCDF46 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
#CCDF46 }
```

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

```
.border{ border-color:#CCDF46 }
```

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

Here you see how a box with a 4 pixel #CCDF46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCDF46; -webkit-box-shadow:4px 4px  
4px 4px #CCDF46; box-shadow:4px 4px 4px  
4px #CCDF46 }
```

Background

The CSS property to change the background color of an element to Hex CCDF46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCDF46 }
```

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

```
.background{ background-color:#CCDF46 }
```

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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