

Converting Colors

Hex(C5DE78)

Have a look what the booklet for
Hex(C5DE78) contains.

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Color

Hex(C5DE78)

Conversions

Conversions Part 1

Format	Color
Hex	C5DE78
RGB	197, 222, 120
RGB Percent	77%, 87%, 47%
CMY	0.2275, 0.1294, 0.5294
CMYK	0.11, 0.00, 0.46, 0.13
HSL	75°, 61%, 67%
HSV	75°, 46%, 87%
XYZ	52.5374, 65.4689, 27.6371
YIQ	202.8970, 17.8420, -37.0220

Conversions

Conversions Part 2

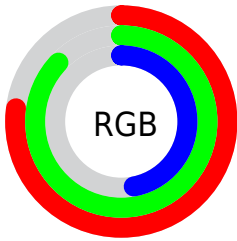
Format	Color
RYB	120, 222, 145
Decimal	12967544
CIELab	84.72, -23.82, 47.03
CIELCh	85, 52.718, 116.856
Yxy	65.4689, 0.3607, 0.4495
Android (android.graphics.Color)	4291157624 (0xFFC5DE78)
YUV	202.8970, -40.8682, -5.1717
Hunter-Lab	80.9129, -25.6960, 36.3876

Details

The Hex color **C5DE78** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **9178DE**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFAE**, and **8DA744** is the 20% darker color. If you saturate the color by 10%, you get **CODE62**, and if you desaturate by 10%, it is **CADE8E**.

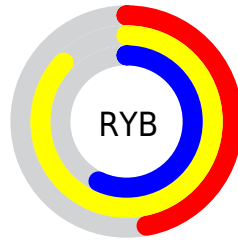
Distribution



Red (77%)

Green (87%)

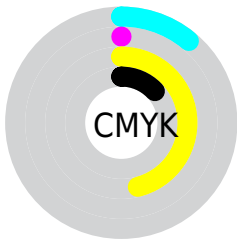
Blue (47%)



Red (47%)

Yellow (87%)

Blue (57%)

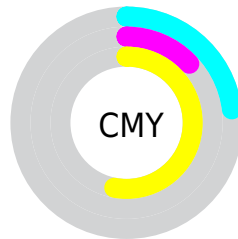


Cyan (11%)

Magenta (0%)

Yellow (46%)

Black (13%)



Cyan (23%)

Magenta (13%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5DE78 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 C5DE78 by changing the saturation by 10% instead.

 C5DE78

FFFFFF

 FFFFAE

 FFFPCA

 FFFFE7

 C5DE78

 A9C25E

 8DA744

 738C2A

 58730D

 3F5A00

 264300

 0A2C00

 001900

 000000

 C5DE78

 C5DE78

 C0DE62

 CADE8E

 BADE4C

 D0DEA4

 B5DE35

 D5DEBB

 AFDE1F

 DBDED1

 AADE09

 E0DEE7

 A8DE00

 E6DEFD

 EBDEFF

 F1DEFF

 F6DEFF

Harmonies

Analogous

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



F7CF6E



C5DE78



89E89B

Triad

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



C5DE78



00E7FF



FFABDB

Complementary

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



C5DE78



9178DE

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.



FFB6FF



C5DE78



77DAFF

Square

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



C5DE78



00EDFF



D0C9FF



FFAFA9

Rectangle

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



C5DE78



54ECBB



D0C9FF



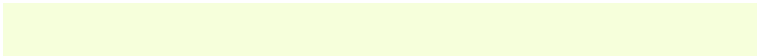
FFAECC

Sweetspot

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



C5DE78



F6FFDB



DE9078



7A806A



000000



808080

Same Dimension

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



C5DE78



Ddff73



93DE78



6D7065



85B000



253000

Inverse Universe

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



9178DE



9573FF



C378DE



686570



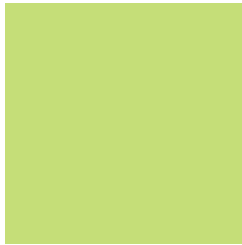
2B00B0



0C0030

Previews

White Background



This preview shows how the Hex color C5DE78 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 C5DE78 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 C5DE78 Background



This preview shows how black text looks on a background with the Hex color C5DE78.

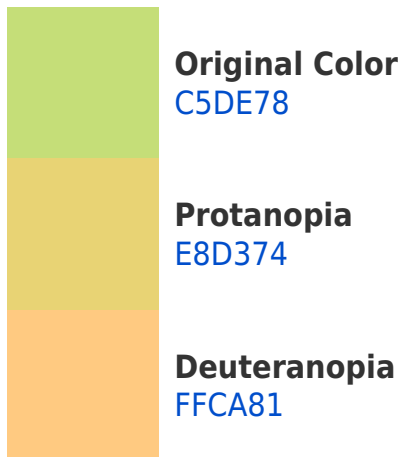


This preview shows how white text looks on a background with the Hex color C5DE78.

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](#).

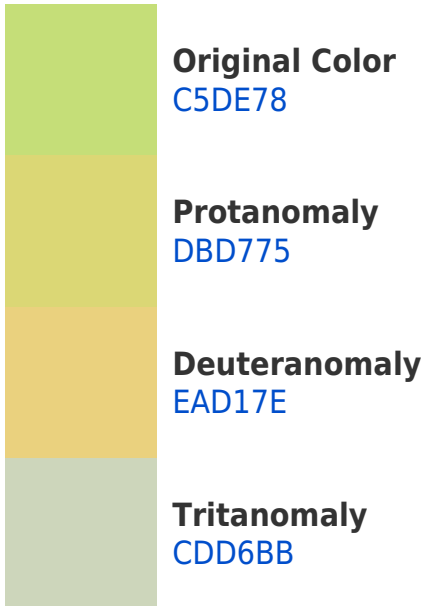
Dichromacy



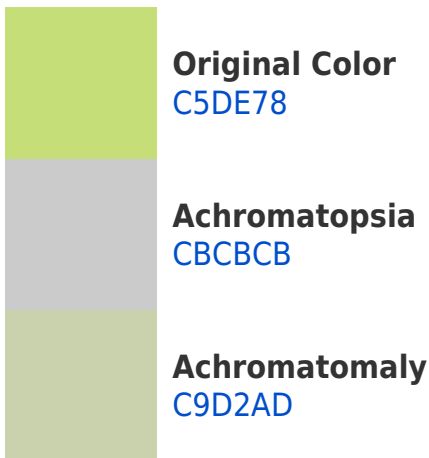


Tritanopia
D2D2E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5DE78 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 #C5DE78 looks like.

```
.text, #text, p{  
    color:#C5DE78  
}
```

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 #C5DE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DE78
}
```

Border

The CSS property to change the border of an element to Hex C5DE78 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
#C5DE78 }
```

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

```
.border{ border-color:#C5DE78 }
```

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

Here you see how a box with a 4 pixel #C5DE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DE78; -webkit-box-shadow:4px 4px  
4px 4px #C5DE78; box-shadow:4px 4px 4px  
4px #C5DE78 }
```

Background

The CSS property to change the background color of an element to Hex C5DE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DE78 }
```

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

```
.background{ background-color:#C5DE78 }
```

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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