

Converting Colors

Hex(CDD35F)

Have a look what the booklet for
Hex(CDD35F) contains.

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Color

Hex(CDD35F)

Conversions

Conversions Part 1

Format	Color
Hex	CDD35F
RGB	205, 211, 95
RGB Percent	80%, 83%, 37%
CMY	0.1961, 0.1725, 0.6275
CMYK	0.03, 0.00, 0.55, 0.17
HSL	63°, 57%, 60%
HSV	63°, 55%, 83%
XYZ	50.5367, 60.3939, 19.8201
YIQ	195.9820, 33.6600, -37.3480

Conversions

Conversions Part 2

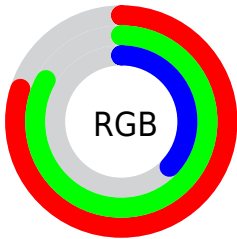
Format	Color
RYB	95, 211, 101
Decimal	13488991
CIELab	82.05, -17.57, 55.71
CIELCh	82, 58.413, 107.506
Yxy	60.3939, 0.3865, 0.4619
Android (android.graphics.Color)	4291679071 (0xFFCDD35F)
YUV	195.9820, -49.7841, 7.9088
Hunter-Lab	77.7135, -19.9211, 39.2781

Details

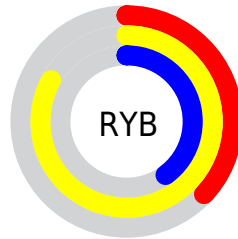
The Hex color **CDD35F** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **655FD3**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF95**, and **949D29** is the 20% darker color. If you saturate the color by 10%, you get **CCD34A**, and if you desaturate by 10%, it is **CED374**.

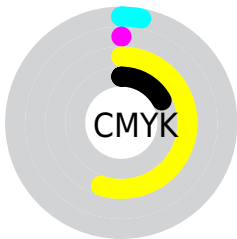
Distribution



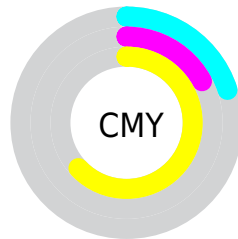
- Red (80%)
- Green (83%)
- Blue (37%)



- Red (37%)
- Yellow (83%)
- Blue (40%)



- Cyan (3%)
- Magenta (0%)
- Yellow (55%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDD35F 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 CDD35F by changing the saturation by 10% instead.

 CDD35F

 CDD35F

FFFFFF

 B0B744

 FFFF95

 949D29

 FFFFB1

 798304


 FFFFCD

 5E6A00

 FFFFEA

 445100

 2A3B00

 112500

 000E00

 000000

 CDD35F

 CDD35F

 CCD34A

 CED374

 CBD335

 CFD389

 CAD320

 D0D39E

 C9D30B

 D1D3B3

 C8D300

 D2D3C9

 D4D3DE

 D5D3F3

 D6D3FF

 D7D3FF

Harmonies

Analogous

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



FFC15F



CDD35F



8EE07F

Triad

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



CDD35F



00E4FF



FFA0E5

Complementary

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



CDD35F



655FD3

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.



F9B1FF



CDD35F



00D9FF

Square

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



CDD35F



00E8EB



AAC7FF



FF9FAE

Rectangle

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



CDD35F



56E5A0



AAC7FF



FFA5F7

Sweetspot

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



CDD35F



FDFFD6



D3655F



7E8067



000000



808080

Same Dimension

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



CDD35F



F6FF57



93D35F



68695E



A0A800



272900

Inverse Universe

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



655FD3



5F57FF



9F5FD3



5F5E69



0900A8



020029

Previews

White Background



This preview shows how the Hex color CDD35F looks on a white background.

Color Contrast Check

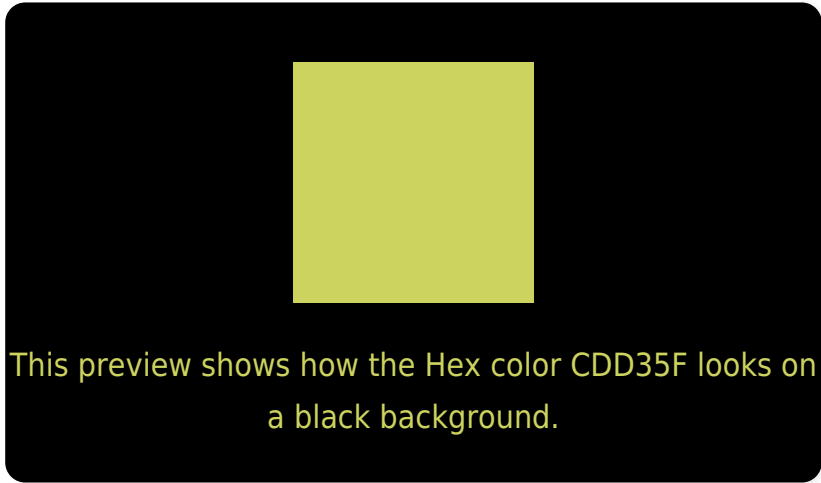
Large Text (above 18pt) WCAG AA × Fail

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 CDD35F Background



This preview shows how black text looks on a background with the Hex color CDD35F.

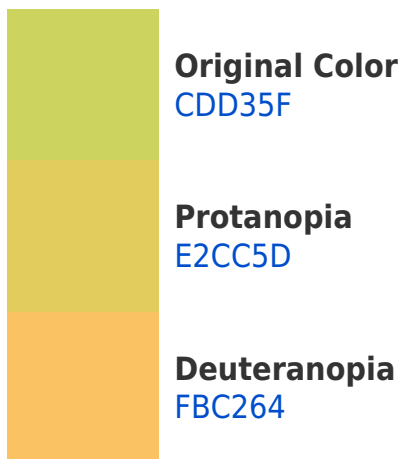


This preview shows how white text looks on a background with the Hex color CDD35F.

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](#).

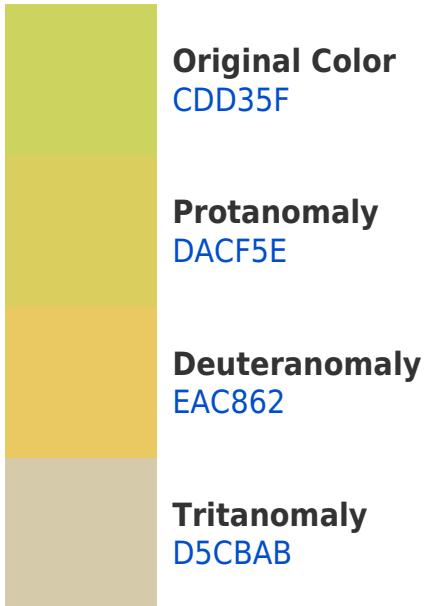
Dichromacy



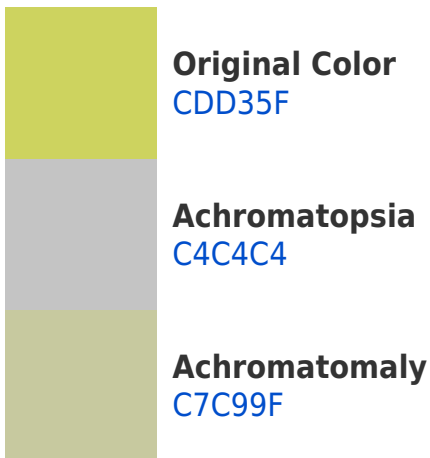


Tritanopia
D9C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDD35F 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 #CDD35F looks like.

```
.text, #text, p{  
    color:#CDD35F  
}
```

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 #CDD35F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD35F
}
```

Border

The CSS property to change the border of an element to Hex CDD35F 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
#CDD35F }
```

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

```
.border{ border-color:#CDD35F }
```

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

Here you see how a box with a 4 pixel #CDD35F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD35F; -webkit-box-shadow:4px 4px  
4px 4px #CDD35F; box-shadow:4px 4px 4px  
4px #CDD35F }
```

Background

The CSS property to change the background color of an element to Hex CDD35F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD35F }
```

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

```
.background{ background-color:#CDD35F }
```

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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