

Converting Colors

Hex(CDD618)

Have a look what the booklet for
Hex(CDD618) contains.

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Color

Hex(CDD618)

Conversions

Conversions Part 1

Format	Color
Hex	CDD618
RGB	205, 214, 24
RGB Percent	80%, 84%, 9%
CMY	0.1961, 0.1608, 0.9059
CMYK	0.04, 0.00, 0.89, 0.16
HSL	63°, 80%, 47%
HSV	63°, 89%, 84%
XYZ	49.3883, 61.1382, 10.0620
YIQ	189.6490, 55.6260, -60.9980

Conversions

Conversions Part 2

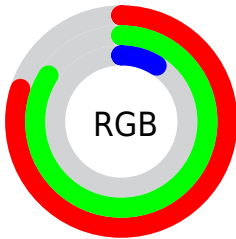
Format	Color
R_YB	24, 214, 33
Decimal	13489688
CIE _{Lab}	82.45, -22.39, 79.33
CIE _{LCh}	82, 82.425, 105.763
Yxy	61.1382, 0.4096, 0.5070
Android (android.graphics.Color)	4291679768 (0xFFCDD618)
YUV	189.6490, -81.6650, 13.4628
Hunter-Lab	78.1909, -24.0870, 47.1039

Details

The Hex color **CDD618** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **2118D6**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFF5E**, and **92A000** is the 20% darker color. If you saturate the color by 10%, you get **CCD603**, and if you desaturate by 10%, it is **CED62D**.

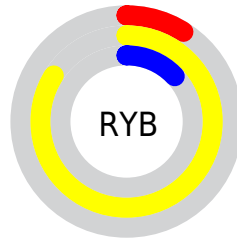
Distribution



Red (80%)

Green (84%)

Blue (9%)



Red (9%)

Yellow (84%)

Blue (13%)

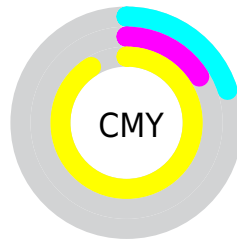


Cyan (4%)

Magenta (0%)

Yellow (89%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDD618 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 CDD618 by changing the saturation by 10% instead.

 CDD618

 CDD618

FFFFFF

 AFBA00

 FFFF5E

 92A000

 FFFF7B

 768500

 FFFF98

 5A6C00

 FFFFB5

 3E5400

 FFFFD3

 233D00

 FFFFF1

 072700

 001000

 000000

 CDD618

 CDD618

 CCD603

 CED62D

 CCD600

 CFD643

 D0D658

 D1D66E

 D2D683

 D3D698

 D4D6AE

 D5D6C3

 D6D6D9

Harmonies

Analogous

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



FFBC23



CDD618



71E759

Triad

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



CDD618



00EDFF



FF87F5

Complementary

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



CDD618



2118D6

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.



FFA6FF



CDD618



00E0FF

Square

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



CDD618



00F2F5



7EC8FF



FF82A8

Rectangle

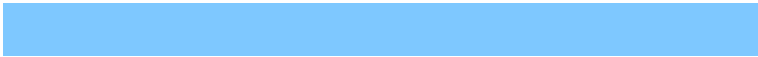
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDD618



00ED8A



7EC8FF



FF8FFF

Sweetspot

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



CDD618



FCFFBA



D61E18



7E8057



000000



808080

Same Dimension

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



CDD618



F3FF00



71D618



6B6B60



A3AB00



292B00

Inverse Universe

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



2118D6



0C00FF



7D18D6



61606B



0800AB



02002B

Previews

White Background



This preview shows how the Hex color CDD618 looks on a white background.

Color Contrast Check

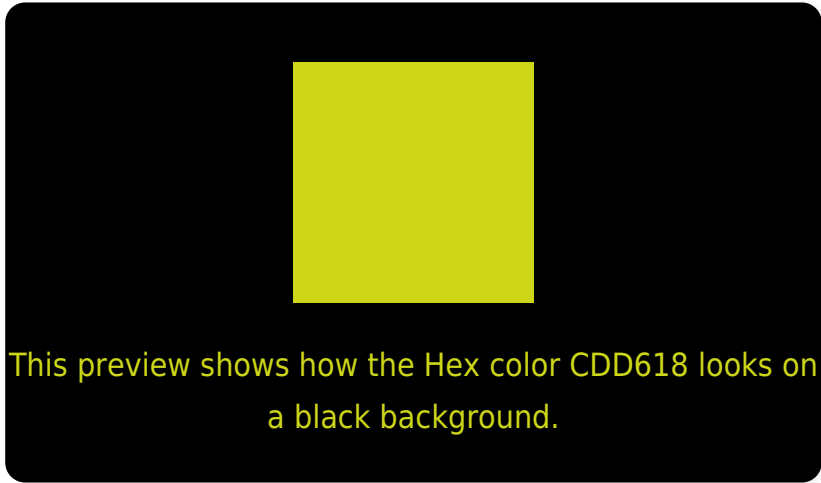
Large Text (above 18pt) WCAG AA × Fail

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 CDD618 Background



This preview shows how black text looks on a background with the Hex color CDD618.

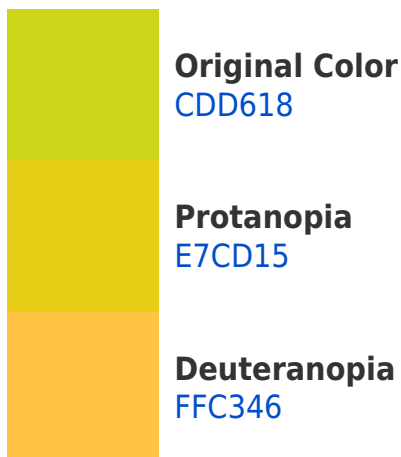


This preview shows how white text looks on a background with the Hex color CDD618.

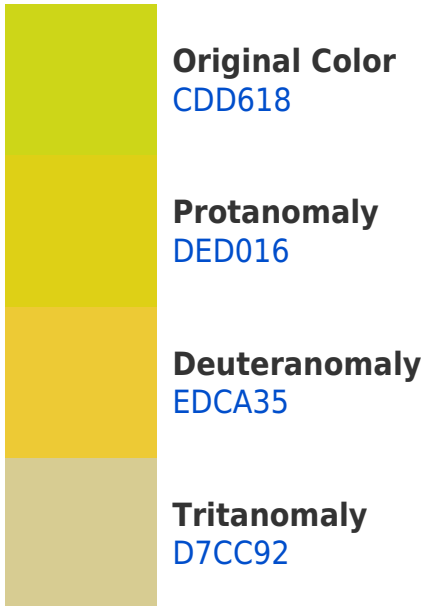
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDD618 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 #CDD618 looks like.

```
.text, #text, p{  
    color:#CDD618  
}
```

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 #CDD618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDD618  
}
```

Border

The CSS property to change the border of an element to Hex CDD618 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  
#CDD618 }
```

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

```
.border{ border-color:#CDD618 }
```

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

Here you see how a box with a 4 pixel #CDD618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDD618; -webkit-box-shadow:4px 4px  
4px 4px #CDD618; box-shadow:4px 4px 4px  
4px #CDD618 }
```

Background

The CSS property to change the background color of an element to Hex CDD618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDD618 }
```

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

```
.background{ background-color:#CDD618 }
```

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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