

Converting Colors

Hex(CCD759)

Have a look what the booklet for
Hex(CCD759) contains.

Hex(CCD759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CCD759)

Conversions

Conversions Part 1

Format	Color
Hex	CCD759
RGB	204, 215, 89
RGB Percent	80%, 84%, 35%
CMY	0.2000, 0.1569, 0.6510
CMYK	0.05, 0.00, 0.59, 0.16
HSL	65°, 61%, 60%
HSV	65°, 59%, 84%
XYZ	51.0055, 62.1595, 18.7609
YIQ	197.3470, 33.8900, -41.5180

Conversions

Conversions Part 2

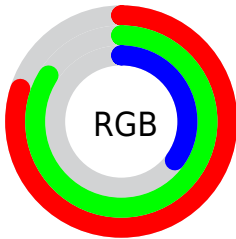
Format	Color
R_{YB}	89, 215, 100
Decimal	13424473
CIE _{Lab}	83.00, -20.40, 59.40
CIE _{LCh}	83, 62.801, 108.957
Yxy	62.1595, 0.3866, 0.4712
Android (android.graphics.Color)	4291614553 (0xFFCCD759)
YUV	197.3470, -53.4151, 5.8347
Hunter-Lab	78.8413, -22.4938, 41.0804

Details

The Hex color **CCD759** 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 **6459D7**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF8F**, and **93A020** is the 20% darker color. If you saturate the color by 10%, you get **CAD744**, and if you desaturate by 10%, it is **CED76E**.

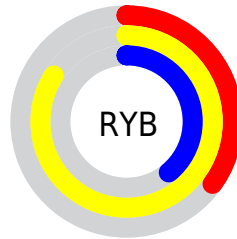
Distribution



Red (80%)

Green (84%)

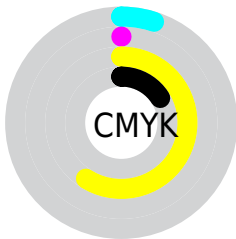
Blue (35%)



Red (35%)

Yellow (84%)

Blue (39%)

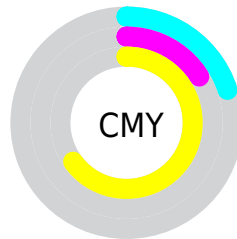


Cyan (5%)

Magenta (0%)

Yellow (59%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCD759 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 CCD759 by changing the saturation by 10% instead.

 CCD759

 CCD759

FFFFFF

 AFBB3E

 FFFF8F

 93A020

 FFFFAB

 778600

 FFFFC7

 5C6D00

 FFFFFE4

 425500

 283E00

 0D2800

 001200

 000000

 CCD759

 CCD759

 CAD744

 CED76E

 C8D72E

 D0D784

 C6D718

 D2D79A

 C4D703

 D4D7AF

 C4D700

 D5D7C5

 D7D7DA

 D9D7F0

 DBD7FF

 DDD7FF

Harmonies

Analogous

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



FFC457



CCD759



87E47E

Triad

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



CCD759



00E7FF



FF9EE7

Complementary

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



CCD759



6459D7

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.



FFB0FF



CCD759



00DBFF

Square

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



CCD759



00ECF3



ADC8FF



FF9DAC

Rectangle

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



CCD759



41E9A2



ADC8FF



FFA3FA

Sweetspot

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



CCD759



FBFFD1



D76459



7D8063



000000



808080

Same Dimension

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



CCD759



EFFF4D



8ED759



6A6B60



9CAB00



282B00

Inverse Universe

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



6459D7



5C4DFF



A259D7



61606B



0F00AB



04002B

Previews

White Background



This preview shows how the Hex color CCD759 looks on a white background.

Color Contrast Check

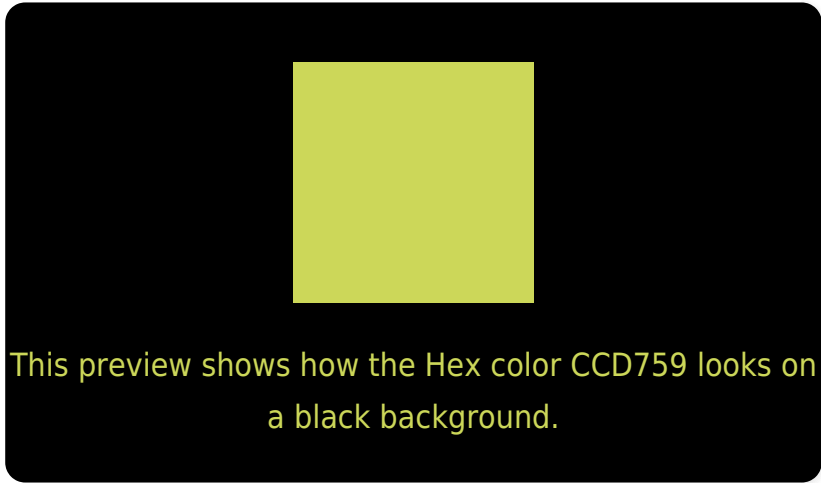
Large Text (above 18pt) WCAG AA × Fail

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 CCD759 Background



This preview shows how black text looks on a background with the Hex color CCD759.

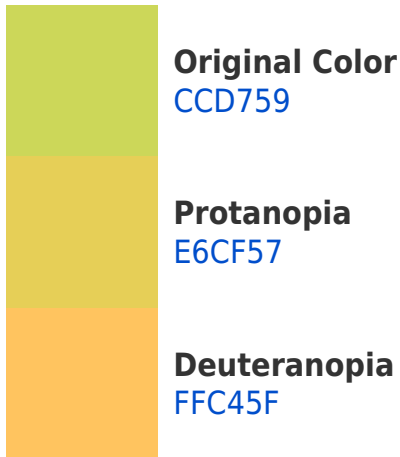


This preview shows how white text looks on a background with the Hex color CCD759.

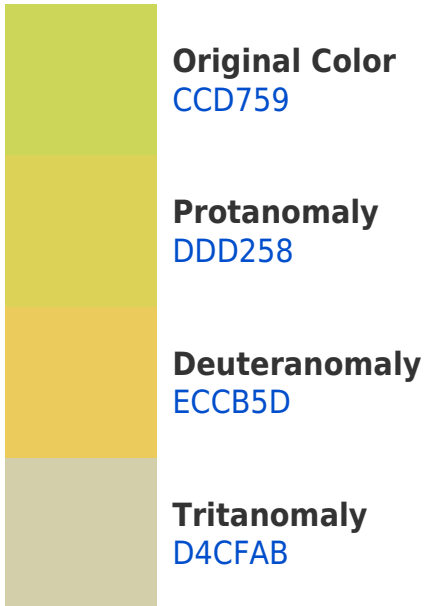
Color Blindness Simulation

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 CCD759 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 #CCD759 looks like.

```
.text, #text, p{  
    color:#CCD759  
}
```

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 #CCD759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCD759
}
```

Border

The CSS property to change the border of an element to Hex CCD759 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
#CCD759 }
```

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

```
.border{ border-color:#CCD759 }
```

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

Here you see how a box with a 4 pixel #CCD759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCD759; -webkit-box-shadow:4px 4px  
4px 4px #CCD759; box-shadow:4px 4px 4px  
4px #CCD759 }
```

Background

The CSS property to change the background color of an element to Hex CCD759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCD759 }
```

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

```
.background{ background-color:#CCD759 }
```

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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