

Converting Colors

Hex(CDE666)

Have a look what the booklet for
Hex(CDE666) contains.

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Color

Hex(CDE666)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CDE666 |
| RGB | 205, 230, 102 |
| RGB Percent | 80%, 90%, 40% |
| CMY | 0.1961, 0.0980, 0.6000 |
| CMYK | 0.11, 0.00, 0.56, 0.10 |
| HSL | 72°, 72%, 65% |
| HSV | 72°, 56%, 90% |
| XYZ | 55.8719, 70.5321, 23.2397 |
| YIQ | 207.9330, 26.1880, -45.1080 |

Conversions

Conversions Part 2

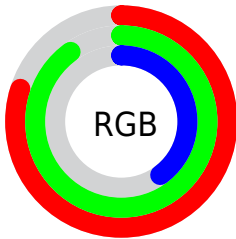
| Format | Color |
|-------------------------------------|--|
| RYB | 102, 230, 127 |
| Decimal | 13493862 |
| CIELab | 87.26, -26.23, 58.51 |
| CIELCh | 87, 64.116, 114.146 |
| Yxy | 70.5321, 0.3734, 0.4713 |
| Android (android.graphics.Color) | 4291683942 (0xFFCDE666) |
| YUV | 207.9330, -52.2250, -2.5722 |
| Hunter-Lab | 83.9834, -28.2196, 42.3818 |

Details

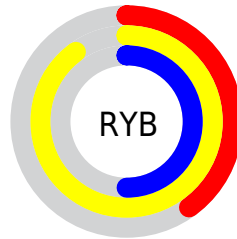
The Hex color **CDE666** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **7F66E6**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF9D**, and **94AE2F** is the 20% darker color. If you saturate the color by 10%, you get **C9E64F**, and if you desaturate by 10%, it is **D1E67D**.

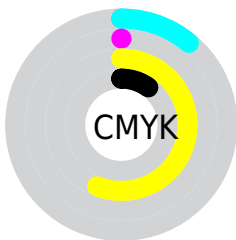
Distribution



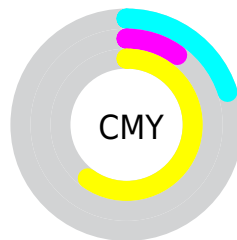
- Red (80%)
- Green (90%)
- Blue (40%)



- Red (40%)
- Yellow (90%)
- Blue (50%)



- Cyan (11%)
- Magenta (0%)
- Yellow (56%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE666 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 CDE666 by changing the saturation by 10% instead.

 CDE666

 CDE666

FFFFFF

 B0CA4B

 FFFF9D

 94AE2F

 FFFFB9

 79940C

 FFFF D5

 5E7A00

 FFFFF2

 436100

 284900

 0B3200

 001F00

 000000

 CDE666

 CDE666

 C9E64F

 D1E67D

 C4E638

 D6E694

 C0E621

 DAE6AB

 BBE60A

 DFE6C2

 B9E600

 E3E6D9

 E8E6F0

 ECE6FF

 F1E6FF

 F5E6FF

Harmonies

Analogous

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



FFD35D



CDE666



82F290

Triad

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



CDE666



00F3FF



FFA7E9

Complementary

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



CDE666



7F66E6

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.



FFB7FF



CDE666



34E5FF

Square

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



CDE666



00F9FF



CBCFFF



FFAAAC

Rectangle

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



CDE666



2BF7B7



CBCFFF



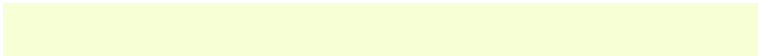
FFABFE

Sweetspot

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



CDE666



F7FFD4



E67D66



7B8066



000000



808080

Same Dimension

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



CDE666



DEFF54



8FE666



717367



90B300



293300

Inverse Universe

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



7F66E6



7654FF



BD66E6



6A6773



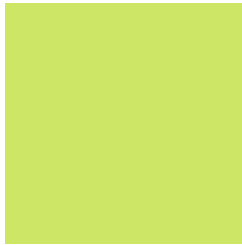
2300B3



0A0033

Previews

White Background



This preview shows how the Hex color CDE666 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 CDE666 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 CDE666 Background



This preview shows how black text looks on a background with the Hex color CDE666.

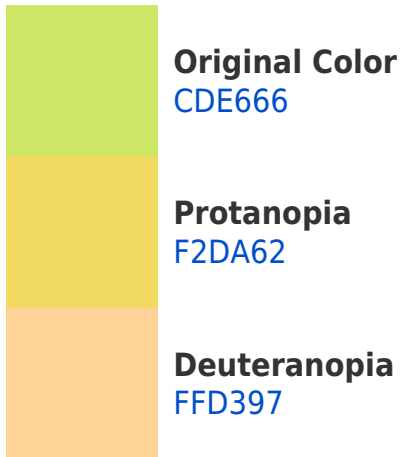


This preview shows how white text looks on a background with the Hex color CDE666.

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](#).

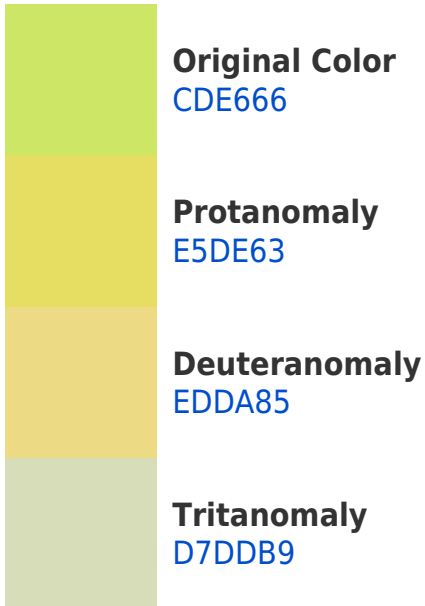
Dichromacy



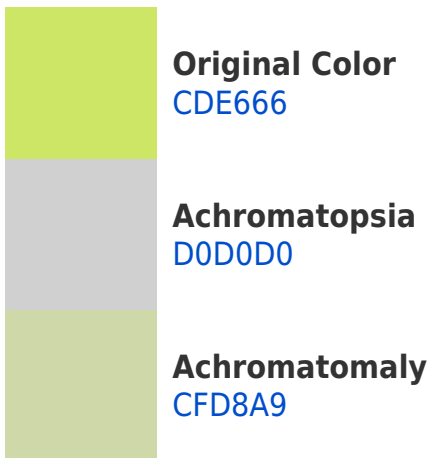


Tritanopia
DCD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE666 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 #CDE666 looks like.

```
.text, #text, p{  
    color:#CDE666  
}
```

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 #CDE666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE666
}
```

Border

The CSS property to change the border of an element to Hex CDE666 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
#CDE666 }
```

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

```
.border{ border-color:#CDE666 }
```

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

Here you see how a box with a 4 pixel #CDE666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE666; -webkit-box-shadow:4px 4px  
4px 4px #CDE666; box-shadow:4px 4px 4px  
4px #CDE666 }
```

Background

The CSS property to change the background color of an element to Hex CDE666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE666 }
```

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

```
.background{ background-color:#CDE666 }
```

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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