

Converting Colors

Hex(CCE291)

Have a look what the booklet for
Hex(CCE291) contains.

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Color

Hex(CCE291)

Conversions

Conversions Part 1

Format	Color
Hex	CCE291
RGB	204, 226, 145
RGB Percent	80%, 89%, 57%
CMY	0.2000, 0.1137, 0.4314
CMYK	0.10, 0.00, 0.36, 0.11
HSL	76°, 58%, 73%
HSV	76°, 36%, 89%
XYZ	57.2090, 69.2744, 37.1441
YIQ	210.1880, 12.8890, -29.8550

Conversions

Conversions Part 2

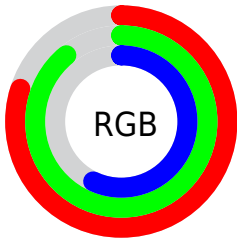
Format	Color
RYB	145, 226, 167
Decimal	13427345
CIELab	86.64, -20.25, 37.22
CIELCh	87, 42.372, 118.551
Yxy	69.2744, 0.3496, 0.4234
Android (android.graphics.Color)	4291617425 (0xFFCCE291)
YUV	210.1880, -32.1377, -5.4269
Hunter-Lab	83.2313, -22.9627, 31.8022

Details

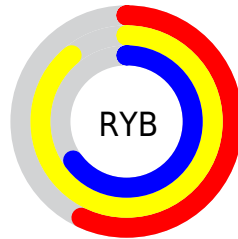
The Hex color **CCE291** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **A791E2**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFC8**, and **95AB5D** is the 20% darker color. If you saturate the color by 10%, you get **C6E27A**, and if you desaturate by 10%, it is **D2E2A8**.

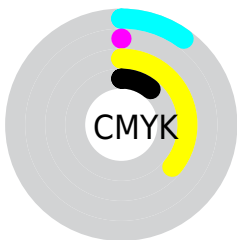
Distribution



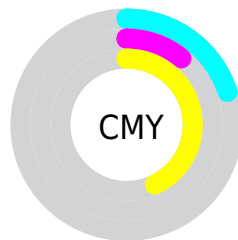
- Red (80%)
- Green (89%)
- Blue (57%)



- Red (57%)
- Yellow (89%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCE291 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 CCE291 by changing the saturation by 10% instead.

 CCE291

 CCE291

FFFFFF

 B0C677

 FFFFC8

 95AB5D

 FFFFE4

 7A9045

 60762C

 475E14

 2F4600

 172F00

 001C00

 000000

 CCE291

 CCE291

 C6E27A

 D2E2A8

 C0E264

 D8E2BE

 BAE24D

 DEE2D5

 B3E237

 E5E2EB

 ADE220

 EBE2FF

 A7E209

 F1E2FF

 A5E200

 F7E2FF

 FDE2FF

 FFE2FF

Harmonies

Analogous

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



F6D688



CCE291



9DEAAE

Triad

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



CCE291



5CE8FF



FFBADC

Complementary

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



CCE291



A791E2

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.



FFC2FF



CCE291



9DDDFE

Square

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



CCE291



42EEFE



DBCFF



FFDB4

Rectangle

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



CCE291



7BEEC8



DBCFFF



FFBCEA

Sweetspot

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



CCE291



F7FFE3



E2A791



7B806F



000000



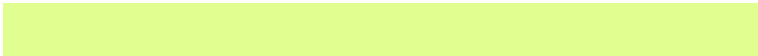
808080

Same Dimension

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



CCE291



E1FF91



A4E291



6D7065



80B000



233000

Inverse Universe

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



A791E2



AF91FF



CF91E2



686570



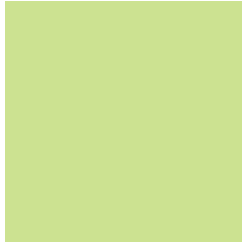
3000B0



0D0030

Previews

White Background



This preview shows how the Hex color CCE291 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 CCE291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

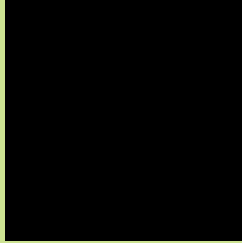
Any Text WCAG AA ✓ Pass

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 CCE291 Background



This preview shows how black text looks on a background with the Hex color CCE291.

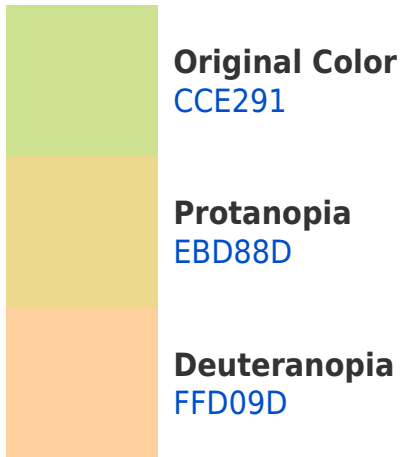


This preview shows how white text looks on a background with the Hex color CCE291.

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](#).

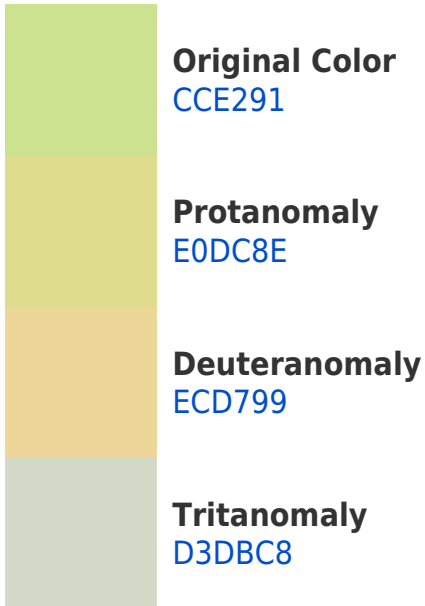
Dichromacy



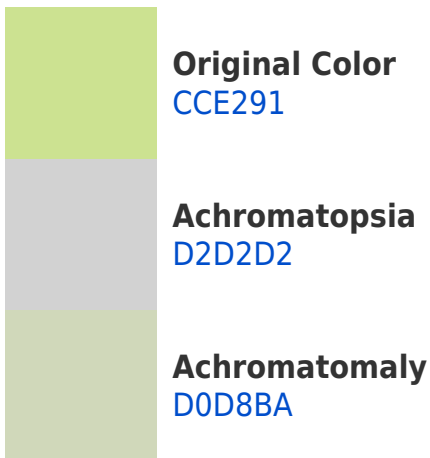


Tritanopia
D7D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCE291 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 #CCE291 looks like.

```
.text, #text, p{  
    color:#CCE291  
}
```

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 #CCE291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE291
}
```

Border

The CSS property to change the border of an element to Hex CCE291 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
#CCE291 }
```

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

```
.border{ border-color:#CCE291 }
```

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

Here you see how a box with a 4 pixel #CCE291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE291; -webkit-box-shadow:4px 4px  
4px 4px #CCE291; box-shadow:4px 4px 4px  
4px #CCE291 }
```

Background

The CSS property to change the background color of an element to Hex CCE291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE291 }
```

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

```
.background{ background-color:#CCE291 }
```

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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