

Converting Colors

Hex(C2E66B)

Have a look what the booklet for
Hex(C2E66B) contains.

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Color

Hex(C2E66B)

Conversions

Conversions Part 1

Format	Color
Hex	C2E66B
RGB	194, 230, 107
RGB Percent	76%, 90%, 42%
CMY	0.2392, 0.0980, 0.5804
CMYK	0.16, 0.00, 0.53, 0.10
HSL	78°, 71%, 66%
HSV	78°, 53%, 90%
XYZ	53.1988, 69.1245, 24.4484
YIQ	205.2140, 18.0270, -45.8850

Conversions

Conversions Part 2

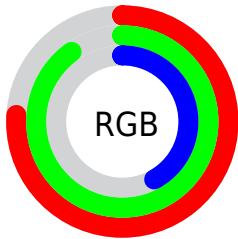
Format	Color
RYB	107, 230, 143
Decimal	12772971
CIELab	86.57, -30.04, 55.28
CIELCh	87, 62.910, 118.519
Yxy	69.1245, 0.3625, 0.4710
Android (android.graphics.Color)	4290963051 (0xFFC2E66B)
YUV	205.2140, -48.4195, -9.8347
Hunter-Lab	83.1411, -31.2818, 40.7640

Details

The Hex color **C2E66B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **8F6BE6**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FCFFA1**, and **8AAE35** is the 20% darker color. If you saturate the color by 10%, you get **BBE654**, and if you desaturate by 10%, it is **C9E682**.

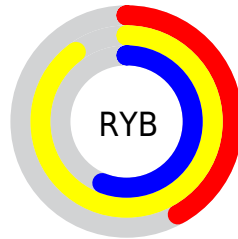
Distribution



Red (76%)

Green (90%)

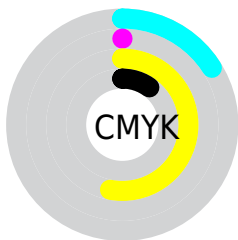
Blue (42%)



Red (42%)

Yellow (90%)

Blue (56%)

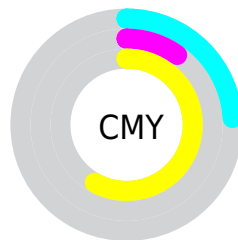


Cyan (16%)

Magenta (0%)

Yellow (53%)

Black (10%)



Cyan (24%)

Magenta (10%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2E66B 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 C2E66B by changing the saturation by 10% instead.

 C2E66B

FFFFFF

 FCFFA1

 FFFFBD

 FFFFDA

 FFFFF7

 C2E66B

 A6CA50

 8AAE35

 6F9417

 547A00

 396100

 1E4900

 003200

 001F00

 000000

 C2E66B

 C2E66B

 BBE654

 C9E682

 B5E63D

 CFE699

 AEE626

 D6E6B0

 A7E60F

 DDE6C7

 A3E600

 E4E6DE

 EAE6F5

 F1E6FF

 F8E6FF

 FFE6FF

Harmonies

Analogous

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



FED45D



C2E66B



75F198

Triad

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



C2E66B



00EFFF



FFA6DE

Complementary

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



C2E66B



8F6BE6

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.



FFB3FF



C2E66B



5CE0FF

Square

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



C2E66B



00F6FF



D7CAFF



FFABA3

Rectangle

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



C2E66B



00F5BF



D7CAFF



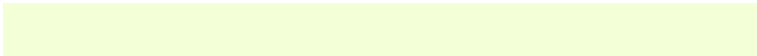
FFA8F2

Sweetspot

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



C2E66B



F3FFD6



E68E6B



788067



000000



808080

Same Dimension

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



C2E66B



CFFF5C



86E66B



6F7367



7EB300



243300

Inverse Universe

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



8F6BE6



8C5CFF



CB6BE6



6B6773



3400B3



0F0033

Previews

White Background



This preview shows how the Hex color C2E66B 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 C2E66B 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 C2E66B Background



This preview shows how black text looks on a background with the Hex color C2E66B.

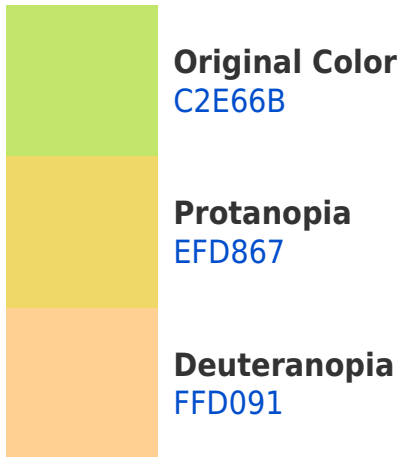


This preview shows how white text looks on a background with the Hex color C2E66B.

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
D1D8EA

Trichromacy



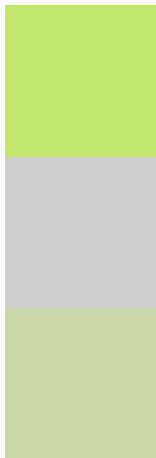
Original Color
C2E66B

Protanomaly
DFDD68

Deuteranomaly
E9D883

Tritanomaly
CCDDBC

Monochromacy



Original Color
C2E66B

Achromatopsia
CDCDCD

Achromatomaly
C9D6A9

CSS Examples

Text

The CSS property to change the color of the text to Hex C2E66B 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 #C2E66B looks like.

```
.text, #text, p{  
    color:#C2E66B  
}
```

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 #C2E66B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E66B
}
```

Border

The CSS property to change the border of an element to Hex C2E66B 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
#C2E66B }
```

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

```
.border{ border-color:#C2E66B }
```

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

Here you see how a box with a 4 pixel #C2E66B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E66B; -webkit-box-shadow:4px 4px  
4px 4px #C2E66B; box-shadow:4px 4px 4px  
4px #C2E66B }
```

Background

The CSS property to change the background color of an element to Hex C2E66B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E66B }
```

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

```
.background{ background-color:#C2E66B }
```

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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