

Converting Colors

Hex(C6E992)

Have a look what the booklet for
Hex(C6E992) contains.

Hex(C6E992)	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(C6E992)

Conversions

Conversions Part 1

Format	Color
Hex	C6E992
RGB	198, 233, 146
RGB Percent	78%, 91%, 57%
CMY	0.2235, 0.0863, 0.4275
CMYK	0.15, 0.00, 0.37, 0.09
HSL	84°, 66%, 74%
HSV	84°, 37%, 91%
XYZ	57.6159, 72.3589, 38.1241
YIQ	212.6170, 7.0670, -34.4770

Conversions

Conversions Part 2

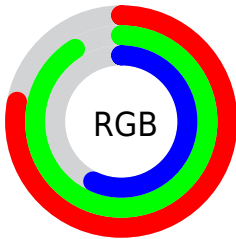
Format	Color
RYB	146, 233, 181
Decimal	13035922
CIELab	88.14, -25.72, 38.59
CIELCh	88, 46.377, 123.688
Yxy	72.3589, 0.3428, 0.4305
Android (android.graphics.Color)	4291226002 (0xFFC6E992)
YUV	212.6170, -32.8422, -12.8191
Hunter-Lab	85.0640, -27.9597, 32.9722

Details

The Hex color **C6E992** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B592E9**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFC9**, and **8FB15E** is the 20% darker color. If you saturate the color by 10%, you get **BDE97B**, and if you desaturate by 10%, it is **CFE9A9**.

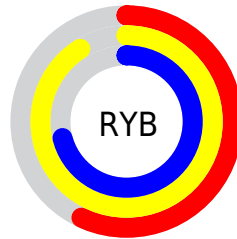
Distribution



Red (78%)

Green (91%)

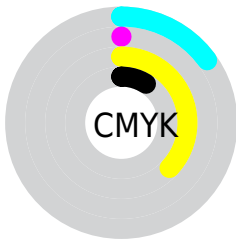
Blue (57%)



Red (57%)

Yellow (91%)

Blue (71%)

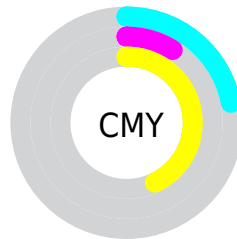


Cyan (15%)

Magenta (0%)

Yellow (37%)

Black (9%)



Cyan (22%)

Magenta (9%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6E992 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 C6E992 by changing the saturation by 10% instead.

 C6E992

FFFFFF

 FFFFC9

 FFFF E5

 C6E992

 AACD78

 8FB15E

 749645

 5A7C2D

 416313

 284B00

 0F3400

 002000

 000000

 C6E992

 C6E992

 BDE97B

 CFE9A9

 B3E963

 D9E9C1

 AAE94C

 E2E9D8

 A1E935

 EBE9EF

 97E91E

 F5E9FF

 8EE906

 FEE9FF

 8BE900

 FFE9FF

Harmonies

Analogous

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



F5DC84



C6E992



90F1B5

Triad

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



C6E992



55ECFF



FFBAD9

Complementary

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



C6E992



B592E9

Split Complementary

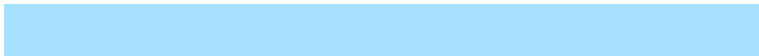
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC1FF



C6E992



A6E0FF

Square

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



C6E992



09F3FF



E9D0FF



FFC0AE

Rectangle

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



C6E992



68F4D2



E9D0FF



FFBBE8

Sweetspot

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



C6E992



F4FFE3



E9B592



79806F



000000



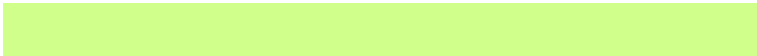
808080

Same Dimension

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



C6E992



D1FF8C



9BE992



71756A



6CB500



203600

Inverse Universe

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



B592E9



BA8CFF



E092E9



6E6A75



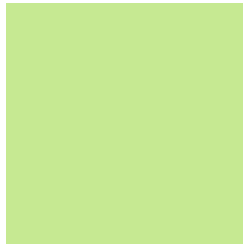
4900B5



160036

Previews

White Background



This preview shows how the Hex color C6E992 looks on a white background.

Color Contrast Check

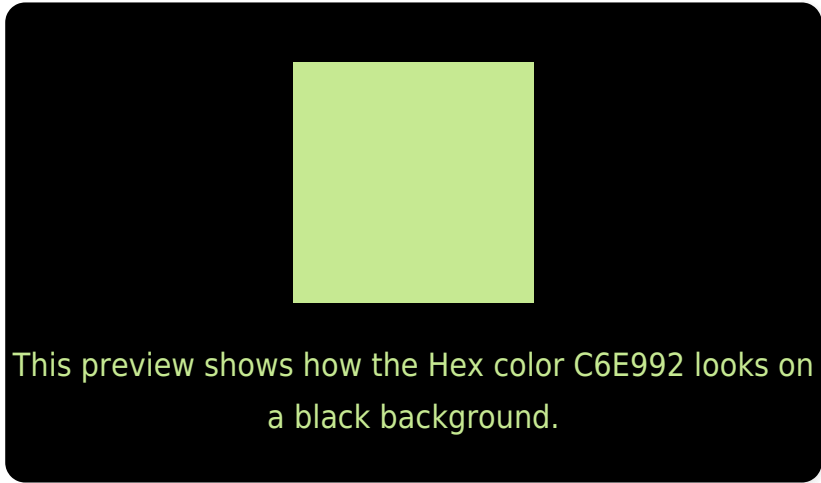
Large Text (above 18pt) WCAG AA × Fail

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

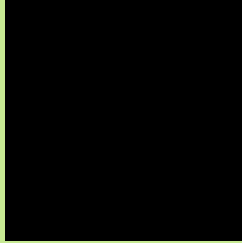
Any Text WCAG AA ✓ Pass

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 C6E992 Background



This preview shows how black text looks on a background with the Hex color C6E992.

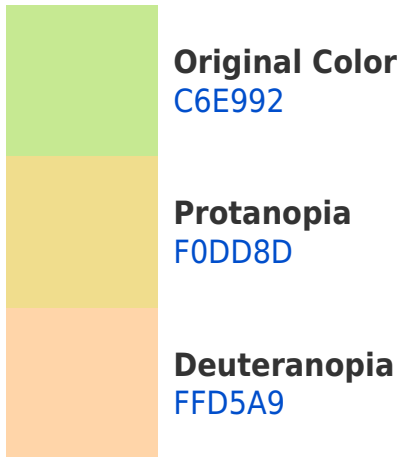


This preview shows how white text looks on a background with the Hex color C6E992.

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](#).

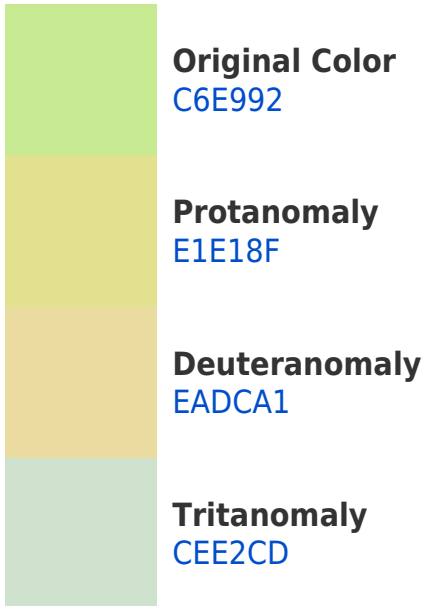
Dichromacy



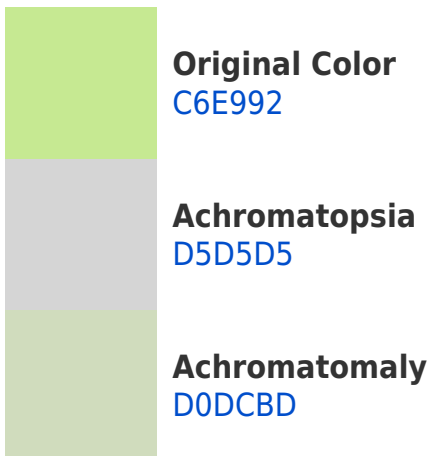


Tritanopia
D3DEEF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6E992 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 #C6E992 looks like.

```
.text, #text, p{  
    color:#C6E992  
}
```

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 #C6E992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E992
}
```

Border

The CSS property to change the border of an element to Hex C6E992 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
#C6E992 }
```

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

```
.border{ border-color:#C6E992 }
```

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

Here you see how a box with a 4 pixel #C6E992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E992; -webkit-box-shadow:4px 4px  
4px 4px #C6E992; box-shadow:4px 4px 4px  
4px #C6E992 }
```

Background

The CSS property to change the background color of an element to Hex C6E992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E992 }
```

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

```
.background{ background-color:#C6E992 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor