

# Converting Colors

Hex(6BE28C)

Have a look what the booklet for  
Hex(6BE28C) contains.

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# **Color**

**Hex(6BE28C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BE28C
RGB	107, 226, 140
RGB Percent	42%, 89%, 55%
CMY	0.5804, 0.1137, 0.4510
CMYK	0.53, 0.00, 0.38, 0.11
HSL	137°, 67%, 65%
HSV	137°, 53%, 89%
XYZ	37.9934, 59.4120, 34.2761
YIQ	180.6150, -43.3180, -51.9740

# Conversions

## Conversions Part 2

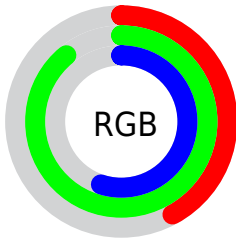
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 200, 226
Decimal	7070348
CIELab	81.52, -52.01, 32.08
CIELCh	82, 61.111, 148.334
Yxy	59.4120, 0.2885, 0.4512
Android (android.graphics.Color)	4285260428 (0xFF6BE28C)
YUV	180.6150, -20.0232, -64.5604
Hunter-Lab	77.0792, -46.9034, 27.5899

# Details

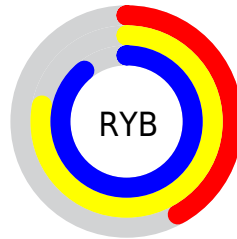
The Hex color **6BE28C** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E26BC1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A6FFC2**, and **2AAA59** is the 20% darker color. If you saturate the color by 10%, you get **54E27C**, and if you desaturate by 10%, it is **82E29C**.

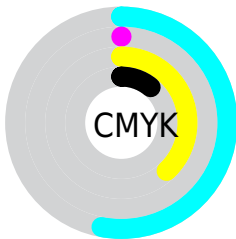
# Distribution



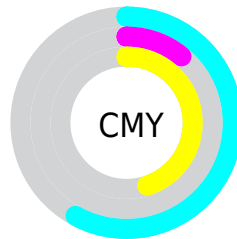
- Red (42%)
- Green (89%)
- Blue (55%)



- Red (42%)
- Yellow (78%)
- Blue (89%)



- Cyan (53%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)



- Cyan (58%)
- Magenta (11%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BE28C 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 6BE28C by changing the saturation by 10% instead.



 6BE28C

FFFFFF

 A6FFC2


 C3FFDE

 E1FFFB

 6BE28C

 4DC672

 2AAA59

 008F40

 007429

 005A10

 004200

 002C00

 000A00

 000000

 6BE28C

 6BE28C

 54E27C


 82E29C

 3EE26B

 98E2AD

 27E25B

 AFE2BD

 11E24B

 C5E2CD

 00E23F

 DCE2DE

 F3E2EE

 FFE2FE

 FFE2FF

# Harmonies

## Analogous

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



B5D761



6BE28C



00E7C5

# Triad

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



6BE28C



4ED2FF



FF9F97

# Complementary

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



6BE28C



E26BC1

# 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.



FF99D0



6BE28C



C8BDFE

# Square

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



6BE28C



00E0FF



FFA6FF



FFB16A

# Rectangle

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



6BE28C



00E7ED



FFA6FF



FF9BAA

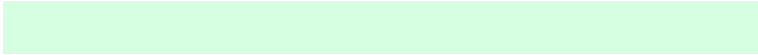


# Sweetspot

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



6BE28C



D6FFE2



C2E26B



67806E



000000



808080



# Same Dimension

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



6BE28C



5EFF8B



6BE2C6



657068



00B031



00300D



# Inverse Universe

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



E26BC1



FF5ED2



E26B87



70656D



B0007F

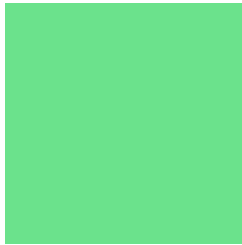


300023



# Previews

## White Background



This preview shows how the Hex color 6BE28C 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 6BE28C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

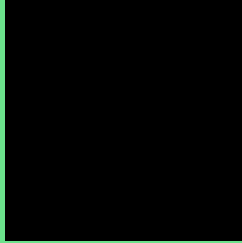
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6BE28C Background



This preview shows how black text looks on a background with the Hex color 6BE28C.

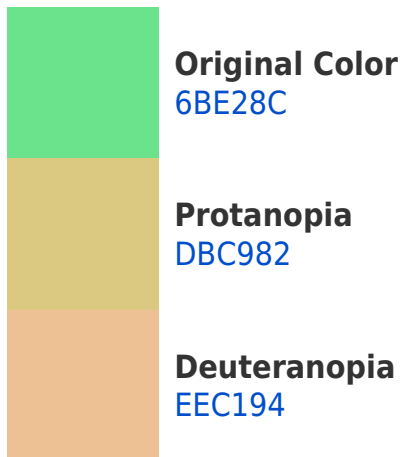


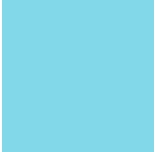
This preview shows how white text looks on a background with the Hex color 6BE28C.

# 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](#).

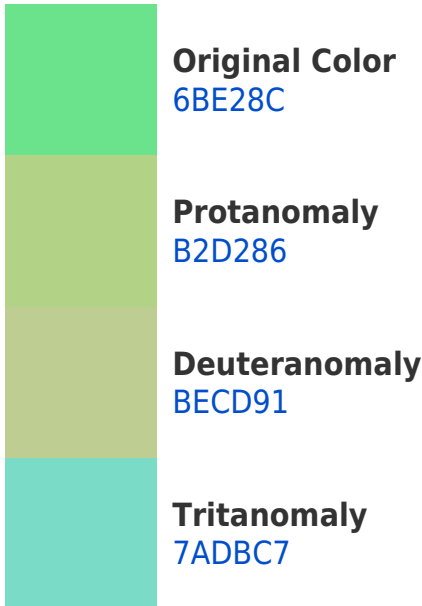
## Dichromacy



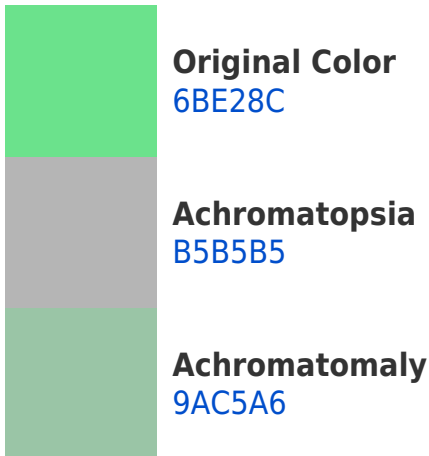


**Tritanopia**  
82D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BE28C 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 #6BE28C looks like.

```
.text, #text, p{  
    color:#6BE28C  
}
```

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 #6BE28C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE28C
}
```

## Border

The CSS property to change the border of an element to Hex 6BE28C 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
#6BE28C }
```

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

```
.border{ border-color:#6BE28C }
```

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

Here you see how a box with a 4 pixel #6BE28C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE28C; -webkit-box-shadow:4px 4px  
4px 4px #6BE28C; box-shadow:4px 4px 4px  
4px #6BE28C }
```

# Background

The CSS property to change the background color of an element to Hex 6BE28C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE28C }
```

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

```
.background{ background-color:#6BE28C }
```

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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