

# Converting Colors

Hex(65C285)

Have a look what the booklet for  
Hex(65C285) contains.

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# **Color**

**Hex(65C285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65C285
RGB	101, 194, 133
RGB Percent	40%, 76%, 52%
CMY	0.6039, 0.2392, 0.4784
CMYK	0.48, 0.00, 0.31, 0.24
HSL	141°, 43%, 58%
HSV	141°, 48%, 76%
XYZ	28.8923, 43.0437, 28.9758
YIQ	159.2390, -35.8470, -38.6870

# Conversions

## Conversions Part 2

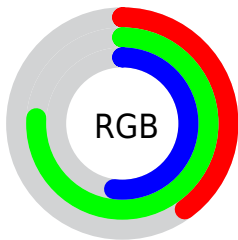
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 170, 194</a>
Decimal	<a href="#">6668933</a>
CIELab	<a href="#">71.58, -41.33, 22.36</a>
CIELCh	<a href="#">72, 46.993, 151.582</a>
Yxy	<a href="#">43.0437, 0.2863, 0.4265</a>
Android (android.graphics.Color)	<a href="#">4284859013 (0xFF65C285)</a>
YUV	<a href="#">159.2390, -12.9358, -51.0756</a>
Hunter-Lab	<a href="#">65.6077, -36.2059, 19.7398</a>

# Details

The Hex color **65C285** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C265A2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9DFBBA**, and **2B8C53** is the 20% darker color. If you saturate the color by 10%, you get **52C278**, and if you desaturate by 10%, it is **78C292**.

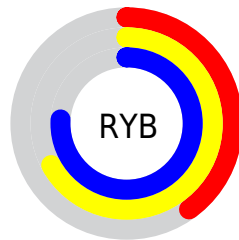
# Distribution



Red (40%)

Green (76%)

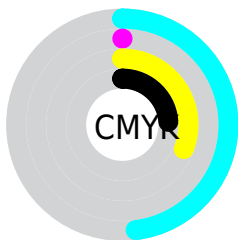
Blue (52%)



Red (40%)

Yellow (67%)

Blue (76%)

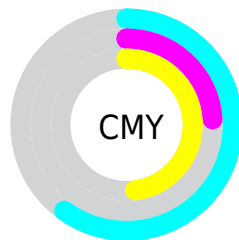


Cyan (48%)

Magenta (0%)

Yellow (31%)

Black (24%)



Cyan (60%)

Magenta (24%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65C285 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 65C285 by changing the saturation by 10% instead.





65C285



65C285

FFFFFF



49A66C



9DFBBA



2B8C53



B9FFD6



00723B



D6FFF3



005825



F3FFFF



00400F



002A00



000B00



000000



65C285



65C285

 52C278

 78C292

 3EC26C

 8CC29E

 2BC25F

 9FC2AB

 17C252

 B3C2B8

 04C245

 C6C2C5

 00C243

 D9C2D1

 EDC2DE

 FFC2EB

 FFC2F8

# Harmonies

## Analogous

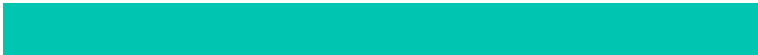
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BBA64



65C285



00C5B0

# Triad

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



65C285



6CB3FF



FE9185

# Complementary

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



65C285



C265A2

# 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.



FE8CAF



65C285



B6A3F8

# Square

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



65C285



00BEFA



E794D9



EA9E65

# Rectangle

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



65C285



00C5CD



E794D9



FF8E92

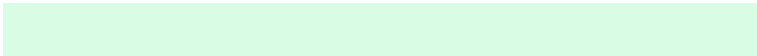


# Sweetspot

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



65C285



D9FCE5



A3C265



6A8071



000000



808080



# Same Dimension

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



65C285



6AFC9C



65C2B2



57615B



00A137



00210B



# Inverse Universe

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



C265A2



FC6ACA



C26575



61575E



A10069



210016



# Previews

## White Background



This preview shows how the Hex color 65C285 looks on a white background.

## Color Contrast Check

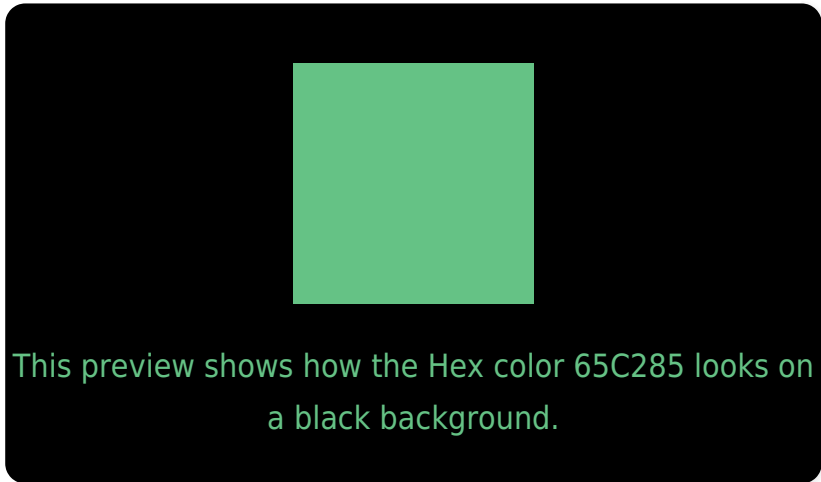
Large Text (above 18pt) WCAG AA × Fail

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

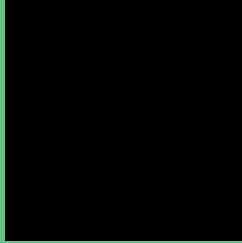
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65C285 Background



This preview shows how black text looks on a background with the Hex color 65C285.

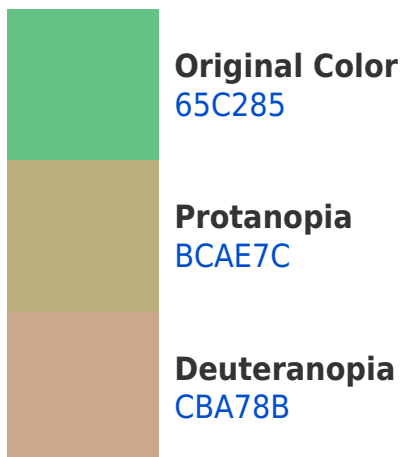


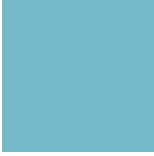
This preview shows how white text looks on a background with the Hex color 65C285.

# 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**  
76B9C8

# Trichromacy



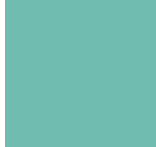
**Original Color**  
65C285



**Protanomaly**  
9CB57F



**Deuteranomaly**  
A6B189



**Tritanomaly**  
70BCB0

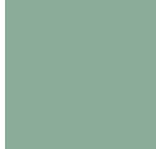
# Monochromacy



**Original Color**  
65C285



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
8AAC96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65C285 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 #65C285 looks like.

```
.text, #text, p{  
    color:#65C285  
}
```

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 #65C285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C285
}
```

## Border

The CSS property to change the border of an element to Hex 65C285 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
#65C285 }
```

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

```
.border{ border-color:#65C285 }
```

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

Here you see how a box with a 4 pixel #65C285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C285; -webkit-box-shadow:4px 4px  
4px 4px #65C285; box-shadow:4px 4px 4px  
4px #65C285 }
```

# Background

The CSS property to change the background color of an element to Hex 65C285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C285 }
```

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

```
.background{ background-color:#65C285 }
```

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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