

# Converting Colors

Hex(65B295)

Have a look what the booklet for  
Hex(65B295) contains.

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**Color**

**Hex(65B295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65B295
RGB	101, 178, 149
RGB Percent	40%, 70%, 58%
CMY	0.6039, 0.3020, 0.4157
CMYK	0.43, 0.00, 0.16, 0.30
HSL	157°, 33%, 55%
HSV	157°, 43%, 70%
XYZ	26.7120, 36.7774, 34.1246
YIQ	151.6710, -36.5830, -25.3430

# Conversions

## Conversions Part 2

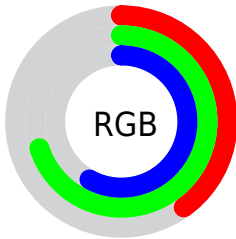
Format	Color
<a href="#">RYB</a>	<a href="#">101, 148, 178</a>
Decimal	<a href="#">6664853</a>
CIELab	<a href="#">67.11, -30.72, 7.44</a>
CIElCh	<a href="#">67, 31.608, 166.385</a>
Yxy	<a href="#">36.7774, 0.2736, 0.3768</a>
Android (android.graphics.Color)	<a href="#">4284854933 (0xFF65B295)</a>
YUV	<a href="#">151.6710, -1.3168, -44.4385</a>
Hunter-Lab	<a href="#">60.6444, -27.5038, 9.0885</a>

# Details

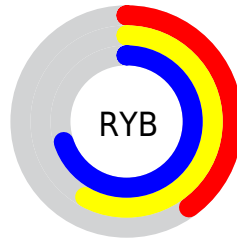
The Hex color **65B295** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B26582**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9BEACB**, and **2F7D62** is the 20% darker color. If you saturate the color by 10%, you get **53B28E**, and if you desaturate by 10%, it is **77B29C**.

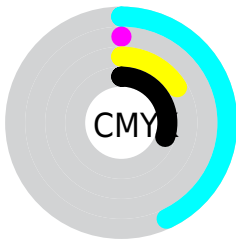
# Distribution



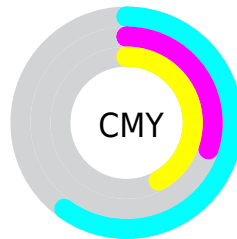
- Red (40%)
- Green (70%)
- Blue (58%)



- Red (40%)
- Yellow (58%)
- Blue (70%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (30%)



- Cyan (60%)
- Magenta (30%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65B295 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 65B295 by changing the saturation by 10% instead.



 65B295

 65B295

FFFFFF

 4A977B

 9BEACB

 2F7D62

 B7FFE7

 0D634A

 D4FFFF

 004B34

 F1FFFF

 00341F

 002106

 000000

 65B295

 65B295

 53B28E

 77B29C

 41B288

 89B2A2

 30B281

 9AB2A9

 1EB27A

 ACB2B0

 0CB273

 BEB2B7

 00B26F

 D0B2BD

 E2B2C4

 F3B2CB

 FFB2D1

# Harmonies

## Analogous

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



87AE7B



65B295



48B3B2

# Triad

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



65B295



95A1DA



D5947B

# Complementary

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



65B295



B26582

# 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.



DC8E95



65B295



BA97CB

# Square

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



65B295



69AADA



D38FB2



C39D6C

# Rectangle

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



65B295



42B1C4



D38FB2



D99183



# Sweetspot

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



65B295



CAE8DD



83B265



63756E



F5F5F5



757575



# Same Dimension

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



65B295



6FE8BB



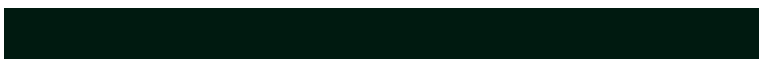
65A9B2



505956



00995F



001A10



# Inverse Universe

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



B26582



E86F9D



B26E65



595054



99003A

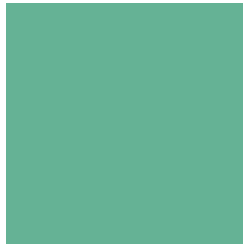


1A000A



# Previews

## White Background



This preview shows how the Hex color 65B295 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 65B295 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

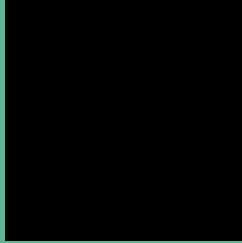
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 65B295 Background



This preview shows how black text looks on a background with the Hex color 65B295.

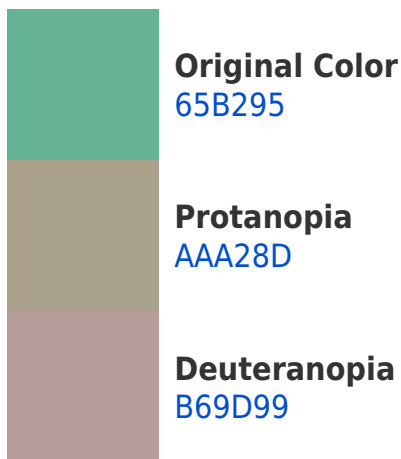


This preview shows how white text looks on a background with the Hex color 65B295.

# 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

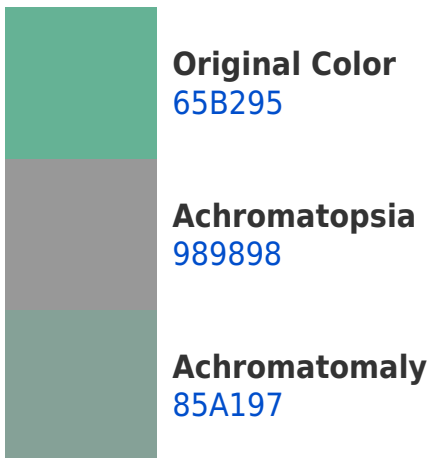




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65B295 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 #65B295 looks like.

```
.text, #text, p{  
    color:#65B295  
}
```

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 #65B295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B295
}
```

## Border

The CSS property to change the border of an element to Hex 65B295 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
#65B295 }
```

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

```
.border{ border-color:#65B295 }
```

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

Here you see how a box with a 4 pixel #65B295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B295; -webkit-box-shadow:4px 4px  
4px 4px #65B295; box-shadow:4px 4px 4px  
4px #65B295 }
```

# Background

The CSS property to change the background color of an element to Hex 65B295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B295 }
```

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

```
.background{ background-color:#65B295 }
```

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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