

Converting Colors

Hex(63B297)

Have a look what the booklet for
Hex(63B297) contains.

Hex(63B297)	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(63B297)

Conversions

Conversions Part 1

Format	Color
Hex	63B297
RGB	99, 178, 151
RGB Percent	39%, 70%, 59%
CMY	0.6118, 0.3020, 0.4078
CMYK	0.44, 0.00, 0.15, 0.30
HSL	159°, 34%, 54%
HSV	159°, 44%, 70%
XYZ	26.6519, 36.7278, 34.9626
YIQ	151.3010, -38.4170, -25.1450

Conversions

Conversions Part 2

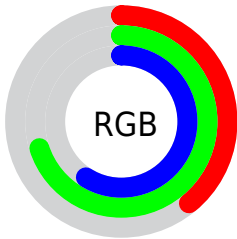
Format	Color
RYB	99, 147, 178
Decimal	6533783
CIELab	67.07, -30.81, 6.27
CIELCh	67, 31.437, 168.490
Yxy	36.7278, 0.2710, 0.3735
Android (android.graphics.Color)	4284723863 (0xFF63B297)
YUV	151.3010, -0.1484, -45.8680
Hunter-Lab	60.6035, -27.5562, 8.2175

Details

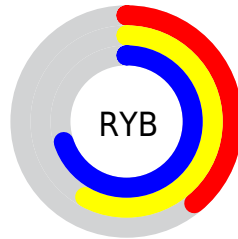
The Hex color **63B297** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B2637E**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9AEACD**, and **2C7D64** is the 20% darker color. If you saturate the color by 10%, you get **51B291**, and if you desaturate by 10%, it is **75B29D**.

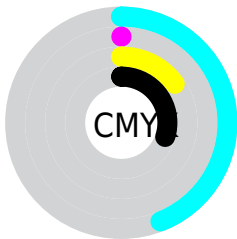
Distribution



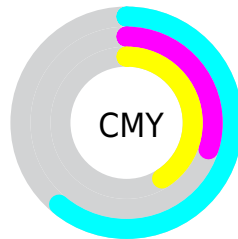
- Red (39%)
- Green (70%)
- Blue (59%)



- Red (39%)
- Yellow (58%)
- Blue (70%)



- Cyan (44%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (61%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63B297 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 63B297 by changing the saturation by 10% instead.

 63B297

 63B297

FFFFFF

 48977D

 9AEACD

 2C7D64

 B6FFE9

 06634C

 D2FFFF

 004B36

 EFFFFF

 003420

 002109

 000000

 63B297

 63B297

 51B291

 75B29D

 3FB28B

 87B2A3

 2EB285

 98B2A9

 1CB27F

 AAB2AF

 0AB279

 BCB2B5

 00B275

 CEB2BC

 E0B2C2

 F1B2C8

 FFB2CE

Harmonies

Analogous

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



85AE7D



63B297



47B3B4

Triad

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



63B297



98A0D9



D4947A

Complementary

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



63B297



B2637E

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.



DC8E93



63B297



BC96C9

Square

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



63B297



6CA9DA



D48FAF



C19E6C

Rectangle

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



63B297



43B1C5



D48FAF



D89281

Sweetspot

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



63B297



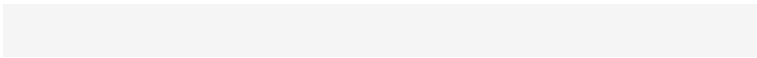
CAE8DE



7FB263



63756F



F5F5F5



757575

Same Dimension

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



63B297



6DE8BE



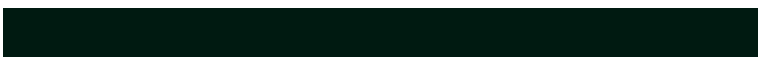
63A6B2



505956



009965



001A11

Inverse Universe

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



B2637E



E86D97



B26F63



595053



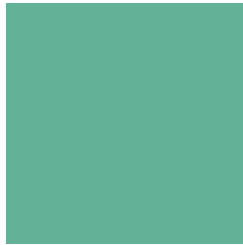
990034



1A0009

Previews

White Background



This preview shows how the Hex color 63B297 looks on a white background.

Color Contrast Check

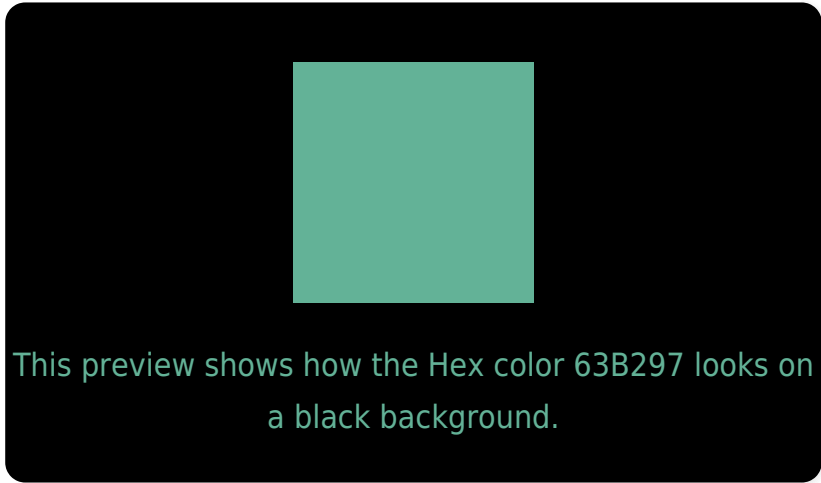
Large Text (above 18pt) WCAG AA × Fail

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

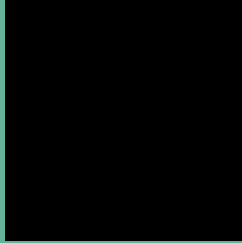
Any Text WCAG AA ✓ Pass

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 63B297 Background



This preview shows how black text looks on a background with the Hex color 63B297.

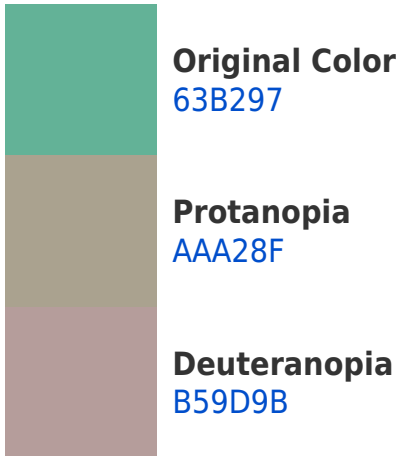


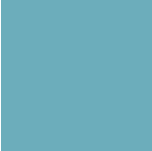
This preview shows how white text looks on a background with the Hex color 63B297.

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
6CADBB

Trichromacy



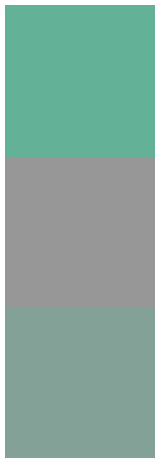
Original Color
63B297

Protanomaly
90A892

Deuteranomaly
97A59A

Tritanomaly
69AFAE

Monochromacy



Original Color
63B297

Achromatopsia
979797

Achromatomaly
84A197

CSS Examples

Text

The CSS property to change the color of the text to Hex 63B297 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 #63B297 looks like.

```
.text, #text, p{  
    color:#63B297  
}
```

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 #63B297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B297
}
```

Border

The CSS property to change the border of an element to Hex 63B297 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
#63B297 }
```

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

```
.border{ border-color:#63B297 }
```

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

Here you see how a box with a 4 pixel #63B297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B297; -webkit-box-shadow:4px 4px  
4px 4px #63B297; box-shadow:4px 4px 4px  
4px #63B297 }
```

Background

The CSS property to change the background color of an element to Hex 63B297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B297 }
```

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

```
.background{ background-color:#63B297 }
```

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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