

Converting Colors

Hex(63E29E)

Have a look what the booklet for
Hex(63E29E) contains.

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Color

Hex(63E29E)

Conversions

Conversions Part 1

Format	Color
Hex	63E29E
RGB	99, 226, 158
RGB Percent	39%, 89%, 62%
CMY	0.6118, 0.1137, 0.3804
CMYK	0.56, 0.00, 0.30, 0.11
HSL	148°, 69%, 64%
HSV	148°, 56%, 89%
XYZ	38.5135, 59.5140, 41.8052
YIQ	180.2750, -53.8640, -48.0720

Conversions

Conversions Part 2

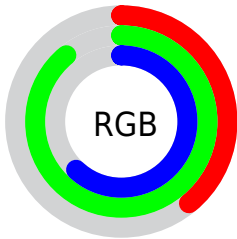
Format	Color
RYB	99, 186, 226
Decimal	6546078
CIELab	81.57, -50.58, 22.87
CIELCh	82, 55.509, 155.673
Yxy	59.5140, 0.2754, 0.4256
Android (android.graphics.Color)	4284736158 (0xFF63E29E)
YUV	180.2750, -10.9816, -71.2782
Hunter-Lab	77.1453, -45.8912, 21.8723

Details

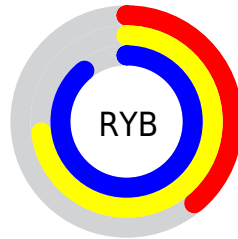
The Hex color **63E29E** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E263A7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9EFFD5**, and **1BAA6A** is the 20% darker color. If you saturate the color by 10%, you get **4CE292**, and if you desaturate by 10%, it is **7AE2AA**.

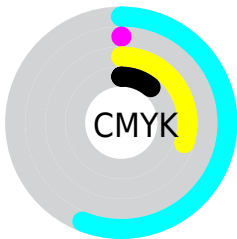
Distribution



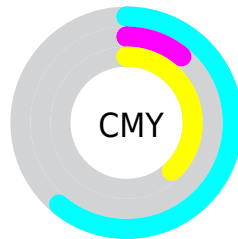
- Red (39%)
- Green (89%)
- Blue (62%)



- Red (39%)
- Yellow (73%)
- Blue (89%)



- Cyan (56%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)



- Cyan (61%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63E29E 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 63E29E by changing the saturation by 10% instead.

 63E29E

 63E29E


FFFFFF

 43C684

 9EFFD5

 1BAA6A

 BCFFF1

 008F52

 DAFFFF

 00743A

 F8FFFF

 005A24

 00420E

 002C00

 000B00

 000000

 63E29E

 63E29E

 4CE292

 7AE2AA

 36E286

 90E2B6

 1FE27A

 A7E2C2

 09E26E

 BDE2CE

 00E269

 D4E2DB

 EBE2E7

 FFE2F3

 FFE2FF

Harmonies

Analogous

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



AAD973



63E29E



00E5D3

Triad

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



63E29E



85CDFE



FFA791

Complementary

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



63E29E



E263A7

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.



FF9FC3



63E29E



DCB9FF

Square

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



63E29E



00DCFF



FFA7F7



FFB96C

Rectangle

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



63E29E



00E5F6



FFA7F7



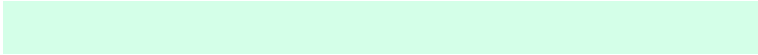
FFA3A0

Sweetspot

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



63E29E



D4FFE8



A9E263



668072



000000



808080

Same Dimension

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



63E29E



54FFA4



63E2DC



65706A



00B052



003017

Inverse Universe

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



E263A7



FF54B0



E26369



70656B



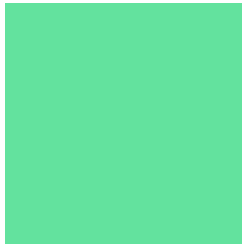
B0005E



30001A

Previews

White Background



This preview shows how the Hex color 63E29E looks on a white background.

Color Contrast Check

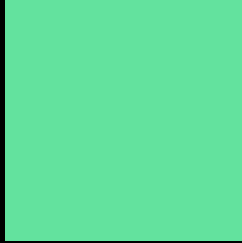
Large Text (above 18pt) WCAG AA × Fail

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 63E29E 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 63E29E Background



This preview shows how black text looks on a background with the Hex color 63E29E.

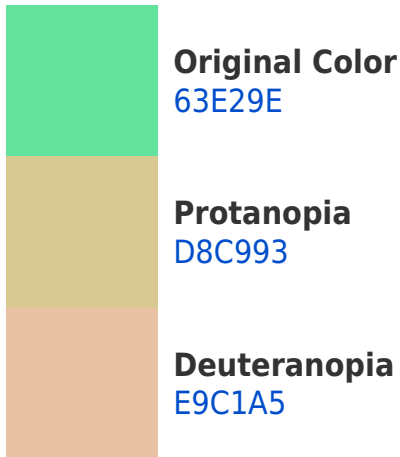


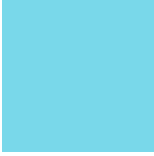
This preview shows how white text looks on a background with the Hex color 63E29E.

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
79D8EA

Trichromacy



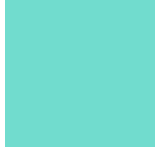
Original Color
63E29E



Protanomaly
ADD297



Deuteranomaly
B8CDA2



Tritanomaly
71DCCE

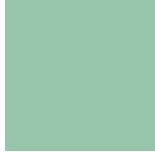
Monochromacy



Original Color
63E29E



Achromatopsia
B4B4B4



Achromatomaly
97C5AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 63E29E 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 #63E29E looks like.

```
.text, #text, p{  
    color:#63E29E  
}
```

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 #63E29E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63E29E
}
```

Border

The CSS property to change the border of an element to Hex 63E29E 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
#63E29E }
```

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

```
.border{ border-color:#63E29E }
```

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

Here you see how a box with a 4 pixel #63E29E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63E29E; -webkit-box-shadow:4px 4px  
4px 4px #63E29E; box-shadow:4px 4px 4px  
4px #63E29E }
```

Background

The CSS property to change the background color of an element to Hex 63E29E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63E29E }
```

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

```
.background{ background-color:#63E29E }
```

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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