

# Converting Colors

Hex(63E3C2)

Have a look what the booklet for  
Hex(63E3C2) contains.

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**Color**

**Hex(63E3C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63E3C2
RGB	99, 227, 194
RGB Percent	39%, 89%, 76%
CMY	0.6118, 0.1098, 0.2392
CMYK	0.56, 0.00, 0.15, 0.11
HSL	165°, 70%, 64%
HSV	165°, 56%, 89%
XYZ	42.3523, 61.4859, 60.6747
YIQ	184.9660, -65.6950, -37.3990

# Conversions

## Conversions Part 2

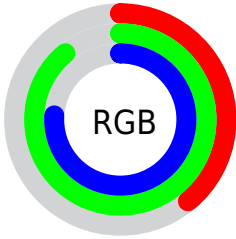
Format	Color
<b>RYB</b>	99, 172, 227
Decimal	6546370
CIELab	82.64, -43.27, 5.49
CIELCh	83, 43.616, 172.773
Yxy	61.4859, 0.2574, 0.3737
Android (android.graphics.Color)	4284736450 (0xFF63E3C2)
YUV	184.9660, 4.4538, -75.3922
Hunter-Lab	78.4129, -40.8114, 9.0114

# Details

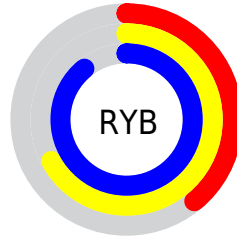
The Hex color **63E3C2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E36384**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9FFFFA**, and **17AB8C** is the 20% darker color. If you saturate the color by 10%, you get **4CE3BC**, and if you desaturate by 10%, it is **7AE3C8**.

# Distribution



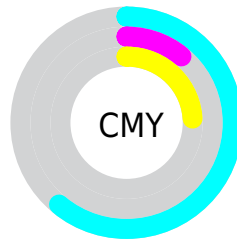
- Red (39%)
- Green (89%)
- Blue (76%)



- Red (39%)
- Yellow (67%)
- Blue (89%)



- Cyan (56%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (61%)
- Magenta (11%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63E3C2 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 63E3C2 by changing the saturation by 10% instead.



 63E3C2

 63E3C2

FFFFFF

 43C7A7

 9FFFFA

 17AB8C

 BDFFFF

 009073

 DBFFFF

 00765A

 F9FFFF

 005C43

 00432D

 002D18

 001100

 000000

 63E3C2

 63E3C2

 4CE3BC

 7AE3C8

 36E3B6

 90E3CE

 1FE3B0

 A7E3D4

 08E3AB

 BEE3D9

 00E3A8

 D4E3DF

 EBE3E5

 FFE3EB

 FFE3F1

 FFE3F7

# Harmonies

## Analogous

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



99DE9B



63E3C2



23E3EC

# Triad

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



63E3C2



C4C7FF



FFBA8E

# Complementary

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



63E3C2



E36384

# 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.



FFAFB0



63E3C2



F8B8FF

# Square

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



63E3C2



80D5FF



FFAFD9



F2C87C

# Rectangle

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



63E3C2



1CE1FF



FFAFD9



FFB698

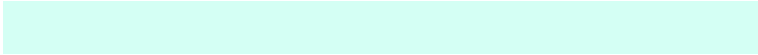


# Sweetspot

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



63E3C2



D4FFF4



85E363



668079



000000



808080



# Same Dimension

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



63E3C2



52FFD2



63C5E3



677370



00B384



003326



# Inverse Universe

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



E36384



FF527E



E38163



73676A



B3002E

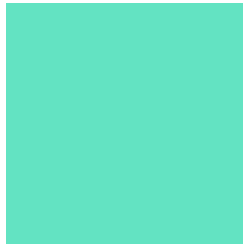


33000D



# Previews

## White Background



This preview shows how the Hex color 63E3C2 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 63E3C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

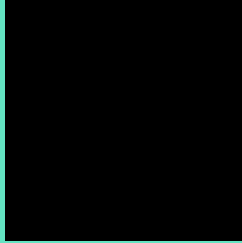
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

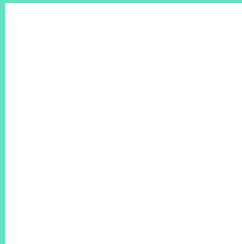
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63E3C2 Background



This preview shows how black text looks on a background with the Hex color 63E3C2.



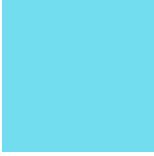
This preview shows how white text looks on a background with the Hex color 63E3C2.

# 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**  
72DDEF

# Trichromacy



**Original Color**  
63E3C2



**Protanomaly**  
ACD4BA



**Deuteranomaly**  
B3D1C6

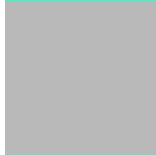


**Tritanomaly**  
6DDDFD

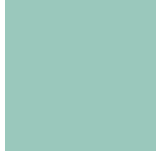
# Monochromacy



**Original Color**  
63E3C2



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
9AC8BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63E3C2 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 #63E3C2 looks like.

```
.text, #text, p{  
    color:#63E3C2  
}
```

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 #63E3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63E3C2
}
```

## Border

The CSS property to change the border of an element to Hex 63E3C2 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
#63E3C2 }
```

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

```
.border{ border-color:#63E3C2 }
```

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

Here you see how a box with a 4 pixel #63E3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63E3C2; -webkit-box-shadow:4px 4px  
4px 4px #63E3C2; box-shadow:4px 4px 4px  
4px #63E3C2 }
```

# Background

The CSS property to change the background color of an element to Hex 63E3C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63E3C2 }
```

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

```
.background{ background-color:#63E3C2 }
```

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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