

# Converting Colors

Hex(63E090)

Have a look what the booklet for  
Hex(63E090) contains.

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**Color**

**Hex(63E090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63E090
RGB	99, 224, 144
RGB Percent	39%, 88%, 56%
CMY	0.6118, 0.1216, 0.4353
CMYK	0.56, 0.00, 0.36, 0.12
HSL	142°, 67%, 63%
HSV	142°, 56%, 88%
XYZ	36.8353, 57.9776, 35.6349
YIQ	177.5050, -48.8200, -51.3800

# Conversions

## Conversions Part 2

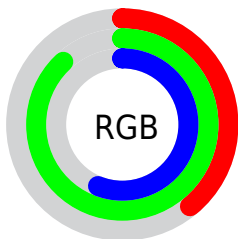
Format	Color
<b>RYB</b>	99, 191, 224
Decimal	6545552
CIELab	80.73, -52.38, 28.94
CIElCh	81, 59.847, 151.079
Yxy	57.9776, 0.2824, 0.4445
Android (android.graphics.Color)	4284735632 (0xFF63E090)
YUV	177.5050, -16.5180, -68.8489
Hunter-Lab	76.1430, -46.8983, 25.5524

# Details

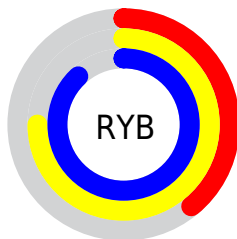
The Hex color **63E090** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E063B3**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9EFFC6**, and **1CA85D** is the 20% darker color. If you saturate the color by 10%, you get **4DE082**, and if you desaturate by 10%, it is **79E09E**.

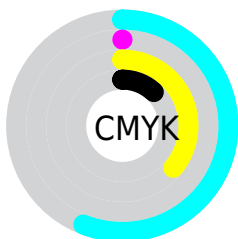
# Distribution



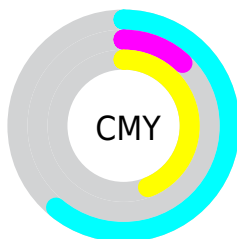
- Red (39%)
- Green (88%)
- Blue (56%)



- Red (39%)
- Yellow (75%)
- Blue (88%)



- Cyan (56%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)



- Cyan (61%)
- Magenta (12%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63E090 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 63E090 by changing the saturation by 10% instead.



 63E090

 63E090

FFFFFF

 43C476

 9EFFC6

 1CA85D

 BCFFE3

 008D44

 D9FFFF

 00722D

 F8FFFF

 005916

 004000

 002A00

 000500

 000000

 63E090

 63E090

 4DE082

 79E09E

 36E073

 90E0AD

 20E065

 A6E0BB

 09E057

 BDE0C9

 00E051

 D3E0D8

 E9E0E6

 FFE0F4

 FFE0FF

# Harmonies

## Analogous

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



AED664



63E090



00E4C9

# Triad

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



63E090



61CEFF



FF9F92

# Complementary

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



63E090



E063B3

# 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.



FF98C9



63E090



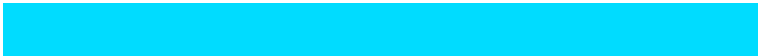
CEB9FF

# Square

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



63E090



00DCFF



FFA3FF



FFB267

# Rectangle

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



63E090



00E4EF



FFA3FF



FF9BA3

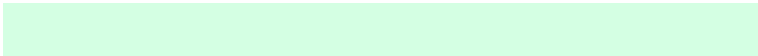


# Sweetspot

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



63E090



D4FFE3



B4E063



66806F



000000



808080



# Same Dimension

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



63E090



54FF92



63E0CD



657069



00B03F



003011



# Inverse Universe

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



E063B3



FF54C1



E06376



70656C



B00071

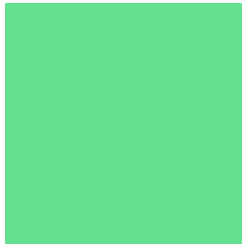


30001F



# Previews

## White Background



This preview shows how the Hex color 63E090 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 63E090 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 63E090 Background



This preview shows how black text looks on a background with the Hex color 63E090.

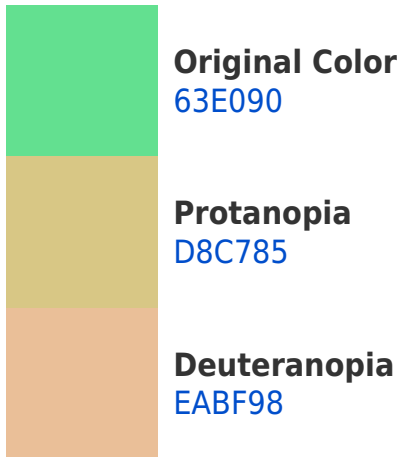


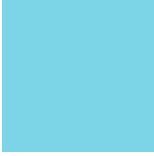
This preview shows how white text looks on a background with the Hex color 63E090.

# 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**  
7BD5E7

# Trichromacy



**Original Color**  
63E090



**Protanomaly**  
ADD089



**Deuteranomaly**  
B9CB95



**Tritanomaly**  
72D9C7

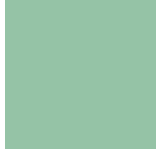
# Monochromacy



**Original Color**  
63E090



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
95C3A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63E090 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 #63E090 looks like.

```
.text, #text, p{  
    color:#63E090  
}
```

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 #63E090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63E090
}
```

## Border

The CSS property to change the border of an element to Hex 63E090 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
#63E090 }
```

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

```
.border{ border-color:#63E090 }
```

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

Here you see how a box with a 4 pixel #63E090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63E090; -webkit-box-shadow:4px 4px  
4px 4px #63E090; box-shadow:4px 4px 4px  
4px #63E090 }
```

# Background

The CSS property to change the background color of an element to Hex 63E090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63E090 }
```

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

```
.background{ background-color:#63E090 }
```

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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