

# Converting Colors

Hex(63EDAD)

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

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# Color

**Hex(63EDAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63EDAD
RGB	99, 237, 173
RGB Percent	39%, 93%, 68%
CMY	0.6118, 0.0706, 0.3216
CMYK	0.58, 0.00, 0.27, 0.07
HSL	152°, 79%, 66%
HSV	152°, 58%, 93%
XYZ	42.9726, 66.2382, 50.0555
YIQ	188.4420, -61.7040, -49.1600

# Conversions

## Conversions Part 2

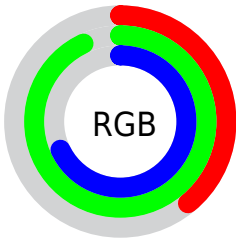
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 189, 237
Decimal	6548909
CIELab	85.12, -52.10, 19.98
CIELCh	85, 55.798, 159.014
Yxy	66.2382, 0.2698, 0.4159
Android (android.graphics.Color)	4284738989 (0xFF63EDAD)
YUV	188.4420, -7.6129, -78.4406
Hunter-Lab	81.3868, -48.1782, 20.5055

# Details

The Hex color **63EDAD** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **ED63A3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A0FFE5**, and **13B478** is the 20% darker color. If you saturate the color by 10%, you get **4BEDA2**, and if you desaturate by 10%, it is **7BEDB8**.

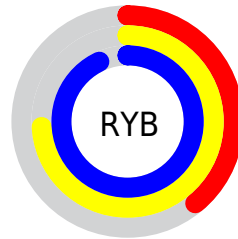
# Distribution



Red (39%)

Green (93%)

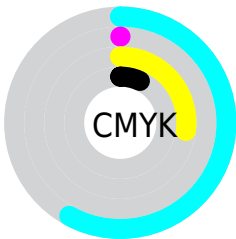
Blue (68%)



Red (39%)

Yellow (74%)

Blue (93%)

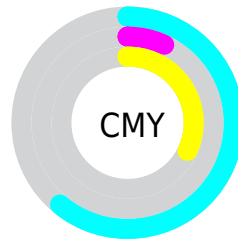


Cyan (58%)

Magenta (0%)

Yellow (27%)

Black (7%)



Cyan (61%)

Magenta (7%)

Yellow (32%)

# Brightness & Saturation Gradients

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



 63EDAD

 63EDAD

FFFFFF

 42D092

 A0FFE5

 13B478

 BEFFFF

 00995F

 DCFFFF

 007E47

 FAFFFF

 006430

 004B1B

 003302

 001A00

 000000

 63EDAD

 63EDAD

 4BEDA2

 7BEDB8

 34ED97

 92EDC3

 1CED8C

 AAEDCE

 04ED81

 C2EDD9

 00ED7F

 D9EDE4

 F1EDEF

 FFEDFA

 FFEDFF

# Harmonies

## Analogous

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



ACE580



63EDAD



00F0E3

# Triad

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



63EDAD



9BD5FF



FFB295

# Complementary

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



63EDAD



ED63A3

# 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.



FFA9C7



63EDAD



EEC1FF

# Square

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



63EDAD



00E4FF



FFAFFC



FFC472

# Rectangle

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



63EDAD



00EFFF



FFAFFC



FFAEA4

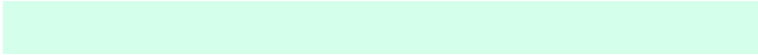


# Sweetspot

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



63EDAD



D4FFEB



A3ED63



668074



000000



808080



# Same Dimension

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



63EDAD



4DFFAC



63E8ED



6A7570



00B561



00361D



# Inverse Universe

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



ED63A3



FF4D9F



ED6863



756A6F



B50054

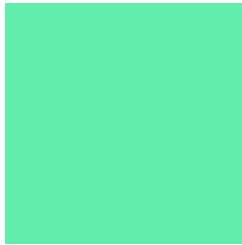


360019



# Previews

## White Background



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

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

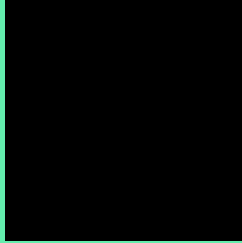
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63EDAD Background



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

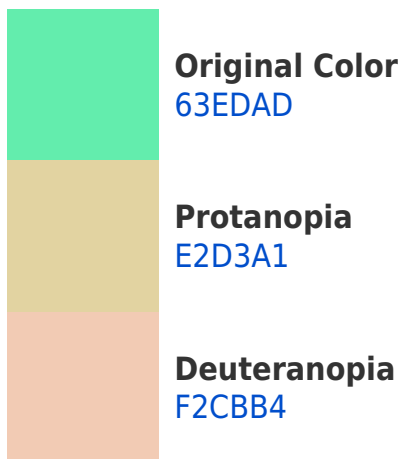


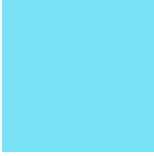
This preview shows how white text looks on a background with the Hex color 63EDAD.

# 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**  
7AE4F6

# Trichromacy



**Original Color**  
63EDAD



**Protanomaly**  
B4DCA5



**Deuteranomaly**  
BED7B1

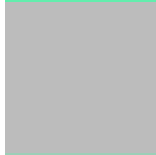


**Tritanomaly**  
72E7DB

# Monochromacy



**Original Color**  
63EDAD



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
9CCEB7

# CSS Examples

## Text

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

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

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 #63EDAD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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