

Converting Colors

Hex(63E1A4)

Have a look what the booklet for
Hex(63E1A4) contains.

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Color

Hex(63E1A4)

Conversions

Conversions Part 1

Format	Color
Hex	63E1A4
RGB	99, 225, 164
RGB Percent	39%, 88%, 64%
CMY	0.6118, 0.1176, 0.3569
CMYK	0.56, 0.00, 0.27, 0.12
HSL	151°, 68%, 64%
HSV	151°, 56%, 88%
XYZ	38.7716, 59.1834, 44.5020
YIQ	180.3720, -55.5150, -45.6830

Conversions

Conversions Part 2

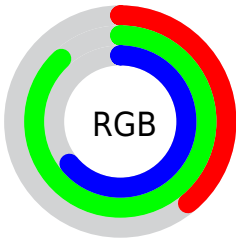
Format	Color
RYB	99, 182, 225
Decimal	6545828
CIELab	81.39, -48.98, 19.49
CIElCh	81, 52.713, 158.296
Yxy	59.1834, 0.2722, 0.4154
Android (android.graphics.Color)	4284735908 (0xFF63E1A4)
YUV	180.3720, -8.0714, -71.3632
Hunter-Lab	76.9308, -44.6682, 19.5541

Details

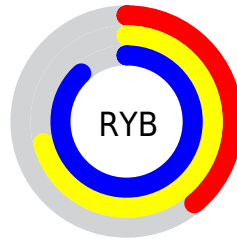
The Hex color **63E1A4** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E163A0**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9EFFDB**, and **1BA970** is the 20% darker color. If you saturate the color by 10%, you get **4DE199**, and if you desaturate by 10%, it is **7AE1AF**.

Distribution



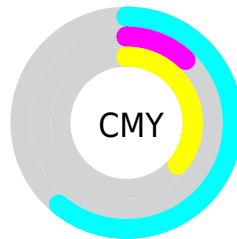
- Red (39%)
- Green (88%)
- Blue (64%)



- Red (39%)
- Yellow (71%)
- Blue (88%)



- Cyan (56%)
- Magenta (0%)
- Yellow (27%)
- Black (12%)



- Cyan (61%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63E1A4 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 63E1A4 by changing the saturation by 10% instead.

 63E1A4

 63E1A4

FFFFFF

 43C58A

 9EFFDB

 1BA970

 BCFFF8

 008E57

 DAFFFF

 007340

 F8FFFF

 005A29

 004114

 002C00

 000A00

 000000

 63E1A4

 63E1A4

 4DE199

 7AE1AF

 36E18E

 90E1BA

 20E183

 A7E1C5

 09E178

 BDE1D0

 00E174

 D4E1DA

 EAE1E5

 FFE1F0

 FFE1FB

 FFE1FF

Harmonies

Analogous

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



A6D97A



63E1A4



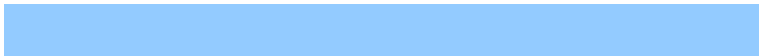
00E4D7

Triad

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



63E1A4



93CBFF



FFA88F

Complementary

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



63E1A4



E163A0

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.



FFA2BE



63E1A4



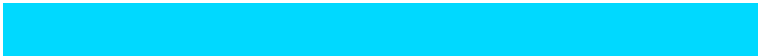
E1B8FF

Square

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



63E1A4



00D9FF



FFA7F0



FFBB6E

Rectangle

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



63E1A4



00E3F7



FFA7F0



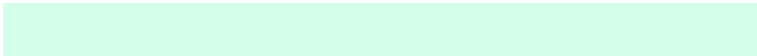
FFA69E

Sweetspot

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



63E1A4



D4FFEA



A2E163



668073



000000



808080

Same Dimension

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



63E1A4



54FFAC



63E1E1



65706B



00B05B



003019

Inverse Universe

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



E163A0



FF54A7



E16363



70656A



B00055



300017

Previews

White Background



This preview shows how the Hex color 63E1A4 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 63E1A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

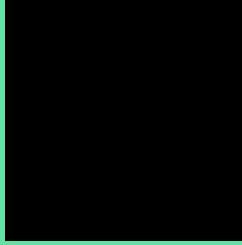
Any Text WCAG AA ✓ Pass

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 63E1A4 Background



This preview shows how black text looks on a background with the Hex color 63E1A4.

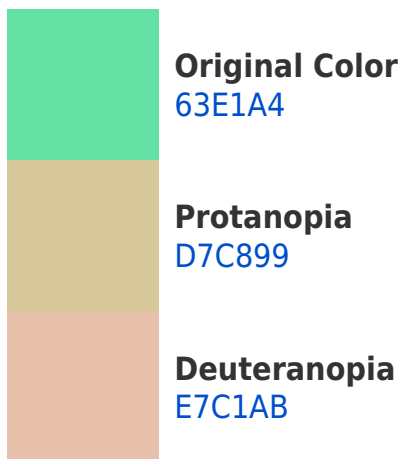


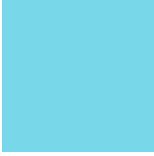
This preview shows how white text looks on a background with the Hex color 63E1A4.

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](#).

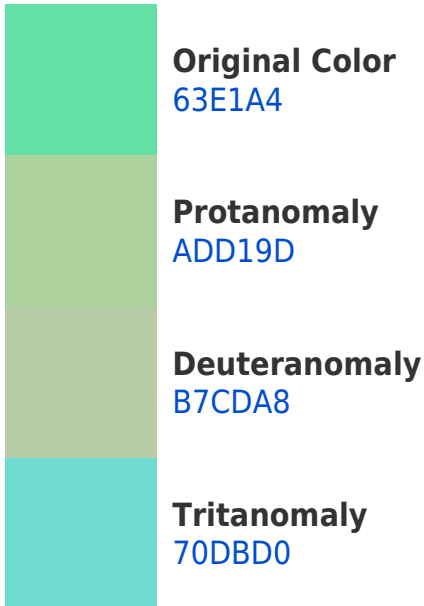
Dichromacy



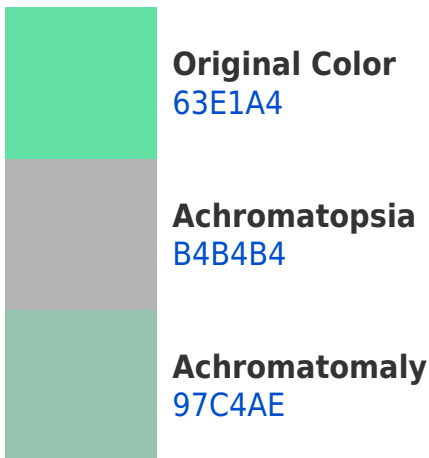


Tritanopia
78D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63E1A4 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 #63E1A4 looks like.

```
.text, #text, p{  
    color:#63E1A4  
}
```

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 #63E1A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63E1A4
}
```

Border

The CSS property to change the border of an element to Hex 63E1A4 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
#63E1A4 }
```

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

```
.border{ border-color:#63E1A4 }
```

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

Here you see how a box with a 4 pixel #63E1A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63E1A4; -webkit-box-shadow:4px 4px  
4px 4px #63E1A4; box-shadow:4px 4px 4px  
4px #63E1A4 }
```

Background

The CSS property to change the background color of an element to Hex 63E1A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63E1A4 }
```

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

```
.background{ background-color:#63E1A4 }
```

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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