

Converting Colors

Hex(63D4AA)

Have a look what the booklet for
Hex(63D4AA) contains.

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Color

Hex(63D4AA)

Conversions

Conversions Part 1

Format	Color
Hex	63D4AA
RGB	99, 212, 170
RGB Percent	39%, 83%, 67%
CMY	0.6118, 0.1686, 0.3333
CMYK	0.53, 0.00, 0.20, 0.17
HSL	158°, 57%, 61%
HSV	158°, 53%, 83%
XYZ	35.9448, 52.6419, 46.2966
YIQ	173.4250, -53.8660, -37.0180

Conversions

Conversions Part 2

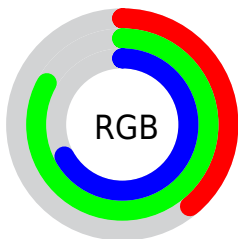
Format	Color
RYB	99, 168, 212
Decimal	6542506
CIELab	77.66, -42.14, 11.10
CIELCh	78, 43.578, 165.249
Yxy	52.6419, 0.2665, 0.3903
Android (android.graphics.Color)	4284732586 (0xFF63D4AA)
YUV	173.4250, -1.6885, -65.2707
Hunter-Lab	72.5547, -38.5390, 12.9558

Details

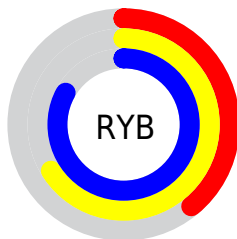
The Hex color **63D4AA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D4638D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **9DFFE1**, and **219D76** is the 20% darker color. If you saturate the color by 10%, you get **4ED4A2**, and if you desaturate by 10%, it is **78D4B2**.

Distribution



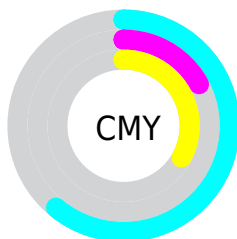
- Red (39%)
- Green (83%)
- Blue (67%)



- Red (39%)
- Yellow (66%)
- Blue (83%)



- Cyan (53%)
- Magenta (0%)
- Yellow (20%)
- Black (17%)



- Cyan (61%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63D4AA 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 63D4AA by changing the saturation by 10% instead.



63D4AA



63D4AA

FFFFFF



45B88F



9DFFE1



219D76



BAFFFE



00825D



D8FFFF



006845



F5FFFF



004F2F



00371A



002200



000000



63D4AA



63D4AA

 4ED4A2

 78D4B2

 39D49A

 8DD4BA

 23D492

 A3D4C2

 0ED48A

 B8D4CA

 00D485

 CDD4D1

 E2D4D9

 F7D4E1

 FFD4E9

 FFD4F1

Harmonies

Analogous

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



98CE86



63D4AA



11D5D4

Triad

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



63D4AA



A6BDFE



FFA988

Complementary

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



63D4AA



D4638D

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.



FFA1AD



63D4AA



DEAEF9

Square

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



63D4AA



5DCAFF



FFA2D6



EBB772

Rectangle

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



63D4AA



00D4ED



FFA2D6



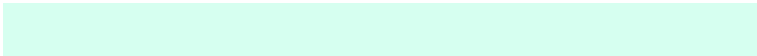
FFA593

Sweetspot

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



63D4AA



D6FFF0



8ED463



678076



000000



808080

Same Dimension

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



63D4AA



5CFFC2



63C7D4



606B67



00AB6B



002B1B

Inverse Universe

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



D4638D



FF5C98



D47063



6B6064



AB0040



2B0010

Previews

White Background



This preview shows how the Hex color 63D4AA looks on a white background.

Color Contrast Check

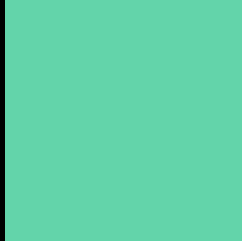
Large Text (above 18pt) WCAG AA × Fail

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 63D4AA 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 63D4AA Background



This preview shows how black text looks on a background with the Hex color 63D4AA.

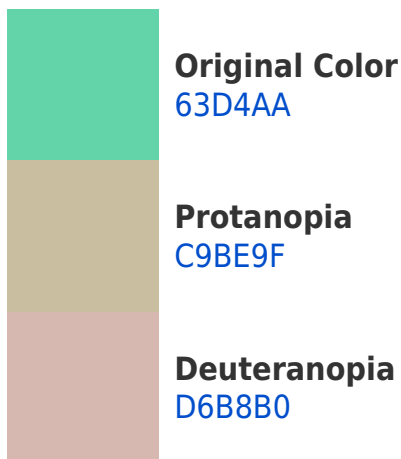


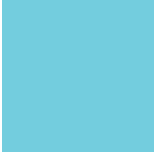
This preview shows how white text looks on a background with the Hex color 63D4AA.

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
73CDDE

Trichromacy



Original Color
63D4AA



Protanomaly
A4C6A3



Deuteranomaly
ACC2AE



Tritanomaly
6DD0CB

Monochromacy



Original Color
63D4AA



Achromatopsia
ADADAD



Achromatomaly
92BBAC

CSS Examples

Text

The CSS property to change the color of the text to Hex 63D4AA 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 #63D4AA looks like.

```
.text, #text, p{  
    color:#63D4AA  
}
```

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 #63D4AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D4AA
}
```

Border

The CSS property to change the border of an element to Hex 63D4AA 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
#63D4AA }
```

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

```
.border{ border-color:#63D4AA }
```

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

Here you see how a box with a 4 pixel #63D4AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D4AA; -webkit-box-shadow:4px 4px  
4px 4px #63D4AA; box-shadow:4px 4px 4px  
4px #63D4AA }
```

Background

The CSS property to change the background color of an element to Hex 63D4AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D4AA }
```

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

```
.background{ background-color:#63D4AA }
```

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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