

Converting Colors

Hex(61D1AA)

Have a look what the booklet for
Hex(61D1AA) contains.

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Color

Hex(61D1AA)

Conversions

Conversions Part 1

Format	Color
Hex	61D1AA
RGB	97, 209, 170
RGB Percent	38%, 82%, 67%
CMY	0.6196, 0.1804, 0.3333
CMYK	0.54, 0.00, 0.19, 0.18
HSL	159°, 55%, 60%
HSV	159°, 54%, 82%
XYZ	34.9859, 51.0446, 46.0389
YIQ	171.0660, -54.2330, -35.8730

Conversions

Conversions Part 2

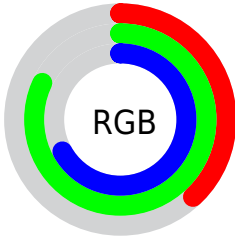
Format	Color
RYB	97, 165, 209
Decimal	6410666
CIELab	76.71, -41.26, 9.73
CIELCh	77, 42.391, 166.738
Yxy	51.0446, 0.2649, 0.3865
Android (android.graphics.Color)	4284600746 (0xFF61D1AA)
YUV	171.0660, -0.5255, -64.9559
Hunter-Lab	71.4455, -37.6205, 11.8059

Details

The Hex color **61D1AA** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D16188**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9BFFE1**, and **1E9A76** is the 20% darker color. If you saturate the color by 10%, you get **4CD1A3**, and if you desaturate by 10%, it is **76D1B1**.

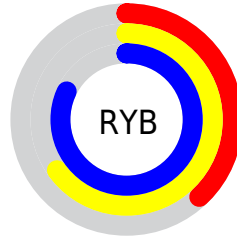
Distribution



Red (38%)

Green (82%)

Blue (67%)



Red (38%)

Yellow (65%)

Blue (82%)

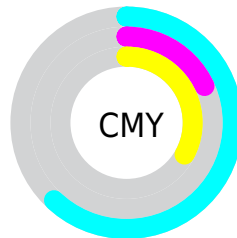


Cyan (54%)

Magenta (0%)

Yellow (19%)

Black (18%)



Cyan (62%)

Magenta (18%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61D1AA 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 61D1AA by changing the saturation by 10% instead.

 61D1AA

 61D1AA

FFFFFF

 43B590

 9BFFE1

 1E9A76

 B8FFFE

 007F5D

 D5FFFF

 006646

 F3FFFF

 004D2F

 00351A

 001F00

 000000

 61D1AA

 61D1AA

 4CD1A3

 76D1B1

 37D19B

 8BD1B9

 22D194

 A0D1C0

 0DD18D

 B5D1C7

 00D188

 CAD1CE

 DED1D6

 F3D1DD

 FFD1E4

 FFD1EB

Harmonies

Analogous

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



95CC86



61D1AA



19D2D3

Triad

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



61D1AA



A8BAFF



FFA886

Complementary

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



61D1AA



D16188

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.



FF9FA9



61D1AA



DDABF3

Square

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



61D1AA



63C6FF



FFA0D0



E6B571

Rectangle

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



61D1AA



00D0EB



FFA0D0



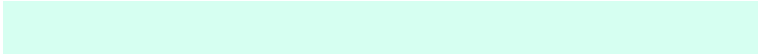
FFA490

Sweetspot

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



61D1AA



D6FFF1



88D161



678077



000000



808080

Same Dimension

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



61D1AA



5CFFC6



61C0D1



5E6965



00A86E



00291B

Inverse Universe

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



D16188



FF5C95



D17261



695E62



A8003B



29000E

Previews

White Background



This preview shows how the Hex color 61D1AA 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 61D1AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

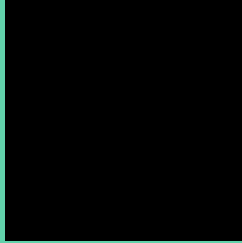
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

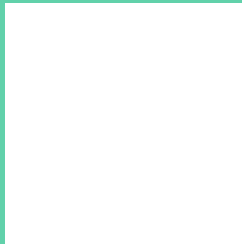
Any Text WCAG AAA ✓ Pass

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

Hex 61D1AA Background



This preview shows how black text looks on a background with the Hex color 61D1AA.

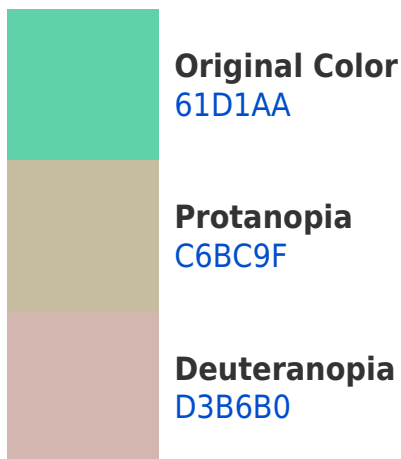


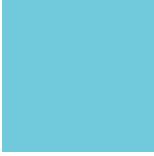
This preview shows how white text looks on a background with the Hex color 61D1AA.

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
70CADB

Trichromacy



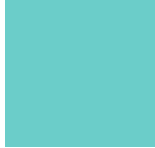
Original Color
61D1AA



Protanomaly
A1C4A3



Deuteranomaly
AAC0AE

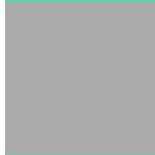


Tritanomaly
6BCDC9

Monochromacy



Original Color
61D1AA



Achromatopsia
ABABAB



Achromatomaly
90B9AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 61D1AA 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 #61D1AA looks like.

```
.text, #text, p{  
    color:#61D1AA  
}
```

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 #61D1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D1AA
}
```

Border

The CSS property to change the border of an element to Hex 61D1AA 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
#61D1AA }
```

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

```
.border{ border-color:#61D1AA }
```

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

Here you see how a box with a 4 pixel #61D1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D1AA; -webkit-box-shadow:4px 4px  
4px 4px #61D1AA; box-shadow:4px 4px 4px  
4px #61D1AA }
```

Background

The CSS property to change the background color of an element to Hex 61D1AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D1AA }
```

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

```
.background{ background-color:#61D1AA }
```

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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