

Converting Colors

Hex(56D5AB)

Have a look what the booklet for
Hex(56D5AB) contains.

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Color

Hex(56D5AB)

Conversions

Conversions Part 1

Format	Color
Hex	56D5AB
RGB	86, 213, 171
RGB Percent	34%, 84%, 67%
CMY	0.6627, 0.1647, 0.3294
CMYK	0.60, 0.00, 0.20, 0.16
HSL	160°, 60%, 59%
HSV	160°, 60%, 84%
XYZ	34.9827, 52.5072, 46.8192
YIQ	170.2390, -62.2100, -39.9860

Conversions

Conversions Part 2

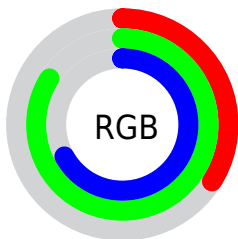
Format	Color
RYB	86, 162, 213
Decimal	5690795
CIELab	77.58, -45.05, 10.39
CIELCh	78, 46.236, 167.009
Yxy	52.5072, 0.2605, 0.3909
Android (android.graphics.Color)	4283880875 (0xFF56D5AB)
YUV	170.2390, 0.3752, -73.8776
Hunter-Lab	72.4619, -40.6331, 12.4147

Details

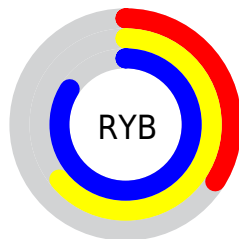
The Hex color **56D5AB** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D55680**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **92FFE2**, and **009D77** is the 20% darker color. If you saturate the color by 10%, you get **41D5A4**, and if you desaturate by 10%, it is **6BD5B2**.

Distribution



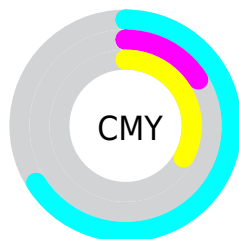
- Red (34%)
- Green (84%)
- Blue (67%)



- Red (34%)
- Yellow (64%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56D5AB 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 56D5AB by changing the saturation by 10% instead.

 56D5AB

 56D5AB

FFFFFF

 34B990

 92FFE2

 009D77

 B0FFFF

 00835E

 CEFFFF

 006946

 ECFFFF

 005030

 00371B

 002201

 000000

 56D5AB

 56D5AB

 41D5A4

 6BD5B2

 2BD59D

 81D5B9

 16D596

 96D5C0

 01D58F

 ABD5C7

 00D58F

 C1D5CE

 D6D5D5

 EBD5DC

 FFD5E3

 FFD5EA

Harmonies

Analogous

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



92CF84



56D5AB



00D6D7

Triad

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



56D5AB



A7BCFF



FFA883

Complementary

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



56D5AB



D55680

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.



FF9EA9



56D5AB



E3ABFB

Square

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



56D5AB



55CAFF



FFA0D4



EBB76C

Rectangle

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



56D5AB



00D4F2



FFA0D4



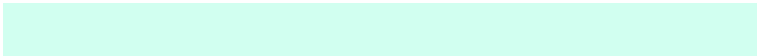
FFA48E

Sweetspot

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



56D5AB



D1FFF0



80D556



638076



000000



808080

Same Dimension

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



56D5AB



47FFC2



56C0D5



606B68



00AB72



002B1D

Inverse Universe

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



D55680



FF4784



D56B56



6B6064



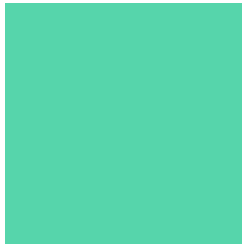
AB0039



2B000E

Previews

White Background



This preview shows how the Hex color 56D5AB 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 56D5AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

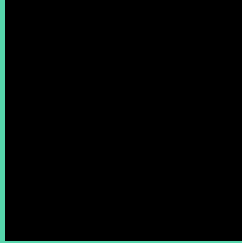
Any Text WCAG AA ✓ Pass

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 56D5AB Background



This preview shows how black text looks on a background with the Hex color 56D5AB.

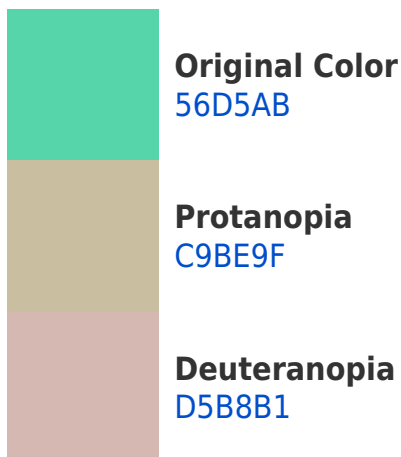


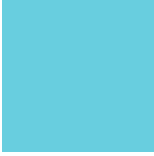
This preview shows how white text looks on a background with the Hex color 56D5AB.

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
68CEDF

Trichromacy



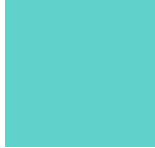
Original Color
56D5AB



Protanomaly
9FC6A3



Deuteranomaly
A7C3AF



Tritanomaly
61D1CC

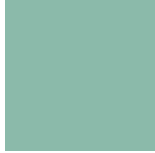
Monochromacy



Original Color
56D5AB



Achromatopsia
AAAAAA



Achromatomaly
8BBAAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 56D5AB 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 #56D5AB looks like.

```
.text, #text, p{  
    color:#56D5AB  
}
```

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 #56D5AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D5AB  
}
```

Border

The CSS property to change the border of an element to Hex 56D5AB 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  
#56D5AB }
```

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

```
.border{ border-color:#56D5AB }
```

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

Here you see how a box with a 4 pixel #56D5AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D5AB; -webkit-box-shadow:4px 4px  
4px 4px #56D5AB; box-shadow:4px 4px 4px  
4px #56D5AB }
```

Background

The CSS property to change the background color of an element to Hex 56D5AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D5AB }
```

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

```
.background{ background-color:#56D5AB }
```

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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