

Converting Colors

Hex(56D4A7)

Have a look what the booklet for
Hex(56D4A7) contains.

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Color

Hex(56D4A7)

Conversions

Conversions Part 1

Format	Color
Hex	56D4A7
RGB	86, 212, 167
RGB Percent	34%, 83%, 65%
CMY	0.6627, 0.1686, 0.3451
CMYK	0.59, 0.00, 0.21, 0.17
HSL	159°, 59%, 58%
HSV	159°, 59%, 83%
XYZ	34.3563, 51.8554, 44.7575
YIQ	169.1960, -60.6510, -40.7070

Conversions

Conversions Part 2

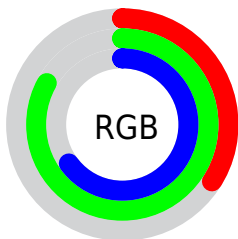
Format	Color
RYB	86, 163, 212
Decimal	5690535
CIELab	77.19, -45.53, 11.97
CIELCh	77, 47.076, 165.266
Yxy	51.8554, 0.2623, 0.3959
Android (android.graphics.Color)	4283880615 (0xFF56D4A7)
YUV	169.1960, -1.0826, -72.9629
Hunter-Lab	72.0107, -40.8564, 13.5564

Details

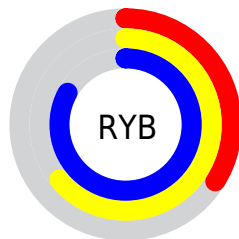
The Hex color **56D4A7** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D45683**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **92FFDE**, and **009C73** is the 20% darker color. If you saturate the color by 10%, you get **41D49F**, and if you desaturate by 10%, it is **6BD4AF**.

Distribution



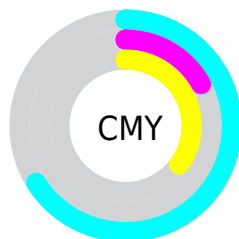
- Red (34%)
- Green (83%)
- Blue (65%)



- Red (34%)
- Yellow (64%)
- Blue (83%)



- Cyan (59%)
- Magenta (0%)
- Yellow (21%)
- Black (17%)



- Cyan (66%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56D4A7 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 56D4A7 by changing the saturation by 10% instead.

 56D4A7

 56D4A7

FFFFFF

 34B88D


 92FFDE

 009C73

 B0FFFB

 00825A

 CDFFFF

 006843

 EBFFFF

 004F2D

 003718

 002100

 000000

 56D4A7

 56D4A7

 41D49F

 6BD4AF

 2CD498

 80D4B6

 16D490

 96D4BE

 01D489

 ABD4C5

 00D488

 C0D4CD

 D5D4D4

 EAD4DC

 FFD4E4

 FFD4EB

Harmonies

Analogous

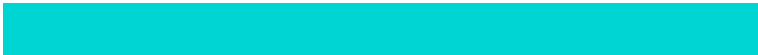
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93CE7F



56D4A7



00D5D4

Triad

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



56D4A7



A1BBFF



FFA583

Complementary

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



56D4A7



D45683

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.



FF9CAA



56D4A7



DFABFC

Square

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



56D4A7



49C9FF



FF9ED6



EDB56A

Rectangle

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



56D4A7



00D4F0



FF9ED6



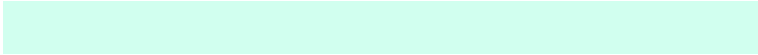
FFA18F

Sweetspot

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



56D4A7



D1FFEF



84D456



638075



000000



808080

Same Dimension

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



56D4A7



4AFFBE



56C3D4



606B67



00AB6E



002B1C

Inverse Universe

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



D45683



FF4A8B



D46756



6B6064



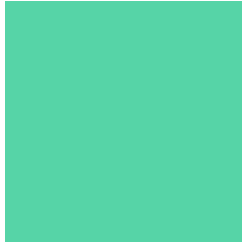
AB003D



2B000F

Previews

White Background



This preview shows how the Hex color 56D4A7 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 56D4A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

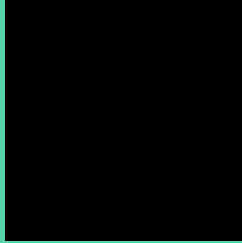
Any Text WCAG AA ✓ Pass

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 56D4A7 Background



This preview shows how black text looks on a background with the Hex color 56D4A7.

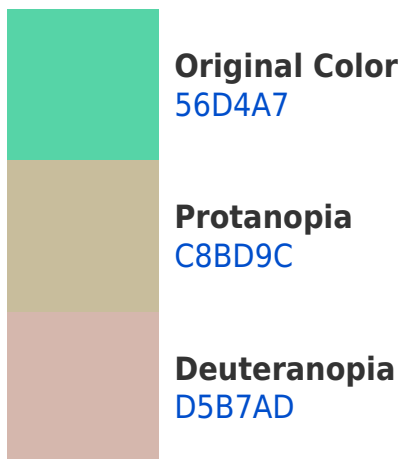


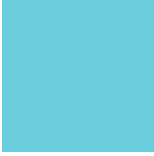
This preview shows how white text looks on a background with the Hex color 56D4A7.

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](#).

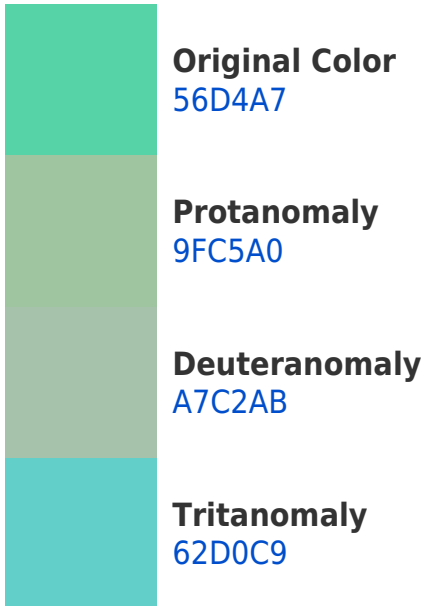
Dichromacy



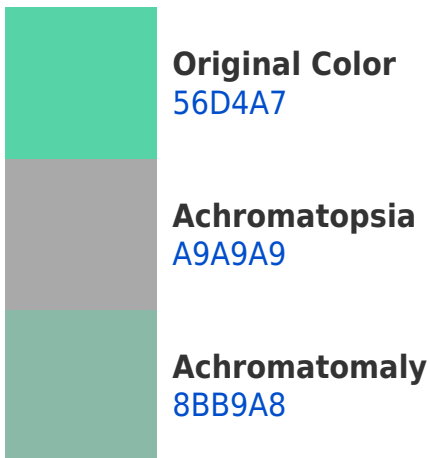


Tritanopia
69CDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56D4A7 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 #56D4A7 looks like.

```
.text, #text, p{  
    color:#56D4A7  
}
```

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 #56D4A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D4A7
}
```

Border

The CSS property to change the border of an element to Hex 56D4A7 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
#56D4A7 }
```

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

```
.border{ border-color:#56D4A7 }
```

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

Here you see how a box with a 4 pixel #56D4A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D4A7; -webkit-box-shadow:4px 4px  
4px 4px #56D4A7; box-shadow:4px 4px 4px  
4px #56D4A7 }
```

Background

The CSS property to change the background color of an element to Hex 56D4A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D4A7 }
```

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

```
.background{ background-color:#56D4A7 }
```

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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