

Converting Colors

Hex(55D5A6)

Have a look what the booklet for
Hex(55D5A6) contains.

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Color

Hex(55D5A6)

Conversions

Conversions Part 1

Format	Color
Hex	55D5A6
RGB	85, 213, 166
RGB Percent	33%, 84%, 65%
CMY	0.6667, 0.1647, 0.3490
CMYK	0.60, 0.00, 0.22, 0.16
HSL	158°, 60%, 58%
HSV	158°, 60%, 84%
XYZ	34.4235, 52.2730, 44.3518
YIQ	169.3700, -61.2010, -41.7530

Conversions

Conversions Part 2

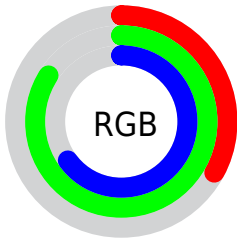
Format	Color
RYB	85, 163, 213
Decimal	5625254
CIELab	77.44, -46.37, 12.85
CIELCh	77, 48.120, 164.507
Yxy	52.2730, 0.2627, 0.3989
Android (android.graphics.Color)	4283815334 (0xFF55D5A6)
YUV	169.3700, -1.6614, -73.9925
Hunter-Lab	72.3000, -41.5377, 14.2391

Details

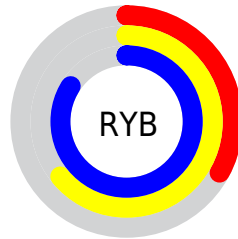
The Hex color **55D5A6** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D55584**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **91FFDD**, and **009D72** is the 20% darker color. If you saturate the color by 10%, you get **40D59E**, and if you desaturate by 10%, it is **6AD5AE**.

Distribution



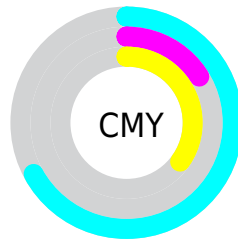
- Red (33%)
- Green (84%)
- Blue (65%)



- Red (33%)
- Yellow (64%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (67%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55D5A6 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 55D5A6 by changing the saturation by 10% instead.

 55D5A6

 55D5A6

FFFFFF

 33B98C

 91FFDD

 009D72

 AFFFFA

 008359

 CDFFFF

 006942

 EBFFFF

 00502C

 003717

 002100

 000000

 55D5A6

 55D5A6

 40D59E

 6AD5AE

 2AD596

 80D5B6

 15D58F

 95D5BD

 00D587

 AAD5C5

 C0D5CD

 D5D5D5

 EAD5DD

 FFD5E5

 FFD5EC

Harmonies

Analogous

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



94CF7E



55D5A6



00D7D4

Triad

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



55D5A6



9FBCFF



FFA583

Complementary

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



55D5A6



D55584

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.



FF9CAB



55D5A6



DFACFF

Square

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



55D5A6



40CBFF



FF9ED8



EFB569

Rectangle

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



55D5A6



00D5F0



FF9ED8



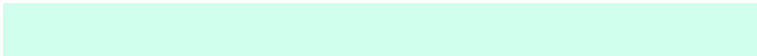
FFA18F

Sweetspot

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



55D5A6



D1FFEE



86D555



638075



000000



808080

Same Dimension

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



55D5A6



47FFBC



55C6D5



606B67



00AB6C



002B1B

Inverse Universe

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



D55584



FF478B



D56455



6B6064



AB003F



2B0010

Previews

White Background



This preview shows how the Hex color 55D5A6 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 55D5A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

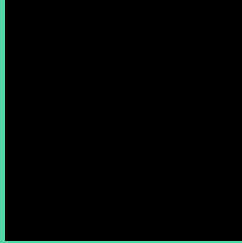
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

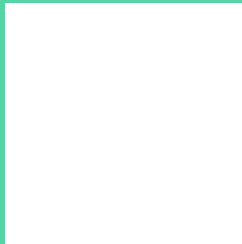
Any Text WCAG AAA ✓ Pass

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

Hex 55D5A6 Background



This preview shows how black text looks on a background with the Hex color 55D5A6.

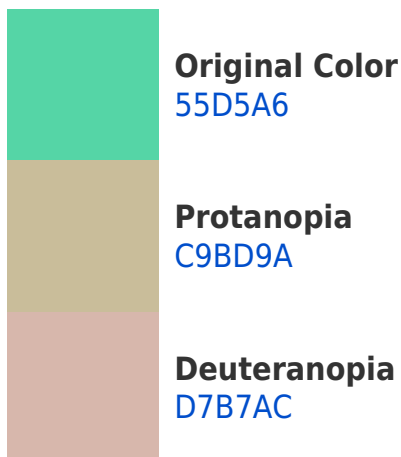


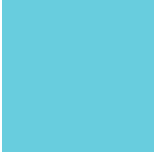
This preview shows how white text looks on a background with the Hex color 55D5A6.

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
68CDDE

Trichromacy



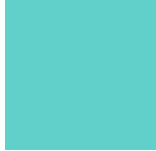
Original Color
55D5A6



Protanomaly
9FC69E



Deuteranomaly
A8C2AA

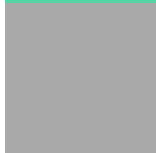


Tritanomaly
61D0CA

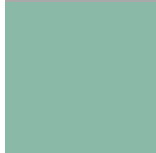
Monochromacy



Original Color
55D5A6



Achromatopsia
A9A9A9



Achromatomaly
8AB9A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 55D5A6 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 #55D5A6 looks like.

```
.text, #text, p{  
    color:#55D5A6  
}
```

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 #55D5A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D5A6
}
```

Border

The CSS property to change the border of an element to Hex 55D5A6 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
#55D5A6 }
```

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

```
.border{ border-color:#55D5A6 }
```

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

Here you see how a box with a 4 pixel #55D5A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D5A6; -webkit-box-shadow:4px 4px  
4px 4px #55D5A6; box-shadow:4px 4px 4px  
4px #55D5A6 }
```

Background

The CSS property to change the background color of an element to Hex 55D5A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D5A6 }
```

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

```
.background{ background-color:#55D5A6 }
```

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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