

Converting Colors

Hex(53C1A5)

Have a look what the booklet for
Hex(53C1A5) contains.

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Color

Hex(53C1A5)

Conversions

Conversions Part 1

Format	Color
Hex	53C1A5
RGB	83, 193, 165
RGB Percent	33%, 76%, 65%
CMY	0.6745, 0.2431, 0.3529
CMYK	0.57, 0.00, 0.15, 0.24
HSL	165°, 47%, 54%
HSV	165°, 57%, 76%
XYZ	29.4288, 42.6955, 42.2873
YIQ	156.9180, -56.5720, -32.0280

Conversions

Conversions Part 2

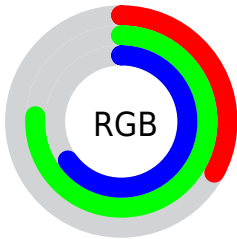
Format	Color
RYB	83, 146, 193
Decimal	5489061
CIELab	71.35, -38.24, 4.68
CIELCh	71, 38.527, 173.022
Yxy	42.6955, 0.2572, 0.3732
Android (android.graphics.Color)	4283679141 (0xFF53C1A5)
YUV	156.9180, 3.9844, -64.8261
Hunter-Lab	65.3418, -33.9550, 7.3685

Details

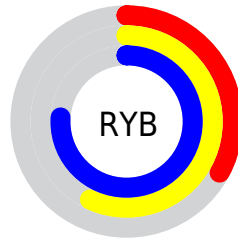
The Hex color **53C1A5** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C1536F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8DFADC**, and **008B71** is the 20% darker color. If you saturate the color by 10%, you get **40C1A0**, and if you desaturate by 10%, it is **66C1AA**.

Distribution



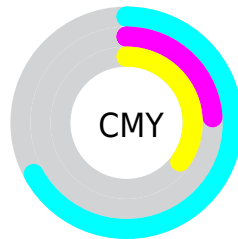
- Red (33%)
- Green (76%)
- Blue (65%)



- Red (33%)
- Yellow (57%)
- Blue (76%)



- Cyan (57%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53C1A5 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 53C1A5 by changing the saturation by 10% instead.



53C1A5



53C1A5

FFFFFF



33A58B



8DFADC



008B71



AAFFF8



007159



C7FFFF



005841



E5FFFF



003F2B



002917



000900



000000



53C1A5



53C1A5

 40C1A0

 66C1AA

 2CC19B

 7AC1AF

 19C196

 8DC1B4

 06C191

 A0C1B9

 00C190

 B3C1BE

 C7C1C2

 DAC1C7

 EDC1CC

 FFC1D1

Harmonies

Analogous

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



82BD83



53C1A5



1DC1C9

Triad

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



53C1A5



A7A9EF



E79E78

Complementary

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



53C1A5



C1536F

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.



F39595



53C1A5



D39CD9

Square

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



53C1A5



6DB5F4



ED94B8



CDAA69

Rectangle

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



53C1A5



19BFDE



ED94B8



ED9A80

Sweetspot

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



53C1A5



CFFAEF



70C153



647D77



FCFCFC



7D7D7D

Same Dimension

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



53C1A5



50FACF



53A7C1



57615E



00A178



002119

Inverse Universe

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



C1536F



FA507B



C16D53



61575A



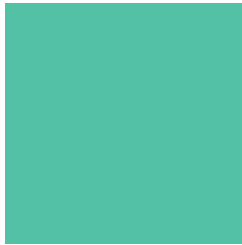
A10029



210008

Previews

White Background



This preview shows how the Hex color 53C1A5 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 53C1A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

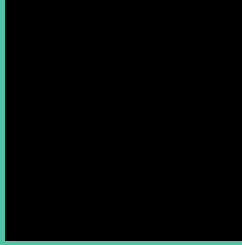
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

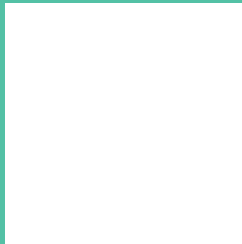
Any Text WCAG AAA ✓ Pass

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

Hex 53C1A5 Background



This preview shows how black text looks on a background with the Hex color 53C1A5.

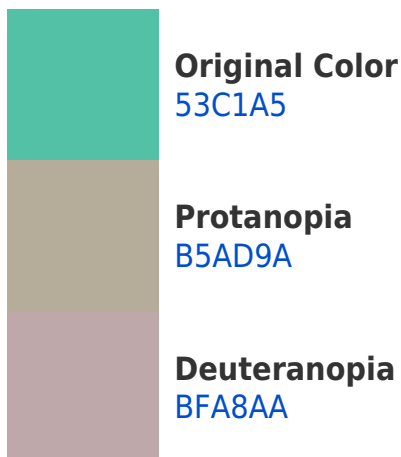


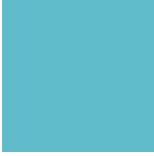
This preview shows how white text looks on a background with the Hex color 53C1A5.

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
60BCCB

Trichromacy



Original Color
53C1A5



Protanomaly
91B49E



Deuteranomaly
98B1A8



Tritanomaly
5BBEBD

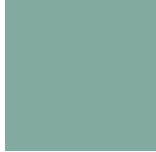
Monochromacy



Original Color
53C1A5



Achromatopsia
9D9D9D



Achromatomaly
82AAA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 53C1A5 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 #53C1A5 looks like.

```
.text, #text, p{  
    color:#53C1A5  
}
```

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 #53C1A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53C1A5  
}
```

Border

The CSS property to change the border of an element to Hex 53C1A5 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  
#53C1A5 }
```

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

```
.border{ border-color:#53C1A5 }
```

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

Here you see how a box with a 4 pixel #53C1A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53C1A5; -webkit-box-shadow:4px 4px  
4px 4px #53C1A5; box-shadow:4px 4px 4px  
4px #53C1A5 }
```

Background

The CSS property to change the background color of an element to Hex 53C1A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53C1A5 }
```

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

```
.background{ background-color:#53C1A5 }
```

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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