

Converting Colors

Hex(5BC595)

Have a look what the booklet for
Hex(5BC595) contains.

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Color

Hex(5BC595)

Conversions

Conversions Part 1

Format	Color
Hex	5BC595
RGB	91, 197, 149
RGB Percent	36%, 77%, 58%
CMY	0.6431, 0.2275, 0.4157
CMYK	0.54, 0.00, 0.24, 0.23
HSL	153°, 48%, 56%
HSV	153°, 54%, 77%
XYZ	29.7055, 44.3266, 35.4240
YIQ	159.8340, -47.7680, -37.4000

Conversions

Conversions Part 2

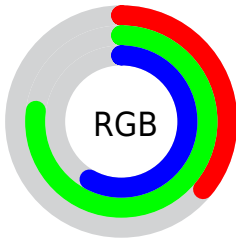
Format	Color
RYB	91, 160, 197
Decimal	6014357
CIELab	72.45, -41.92, 14.94
CIELCh	72, 44.501, 160.386
Yxy	44.3266, 0.2714, 0.4050
Android (android.graphics.Color)	4284204437 (0xFF5BC595)
YUV	159.8340, -5.3412, -60.3674
Hunter-Lab	66.5782, -36.8698, 15.0585

Details

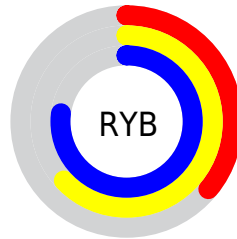
The Hex color **5BC595** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C55B8B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **94FECB**, and **198E62** is the 20% darker color. If you saturate the color by 10%, you get **47C58C**, and if you desaturate by 10%, it is **6FC59E**.

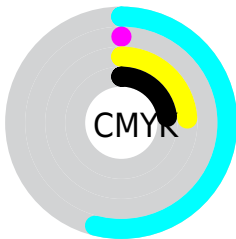
Distribution



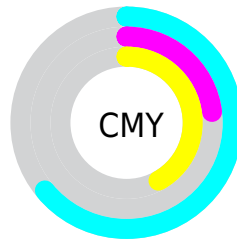
- Red (36%)
- Green (77%)
- Blue (58%)



- Red (36%)
- Yellow (63%)
- Blue (77%)



- Cyan (54%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



- Cyan (64%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BC595 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 5BC595 by changing the saturation by 10% instead.

 5BC595

 5BC595

FFFFFF

 3DA97B

 94FECB

 198E62

 B1FFE7

 00744A

 CEFFFF

 005B33

 ECFFFF

 00421E

 002C06

 001000

 000000

 5BC595

 5BC595

 47C58C

 6FC59E

 34C583

 82C5A7

 20C57A

 96C5B0

 0CC571

 AAC5B9

 00C56C

 BEC5C2

 D1C5CB

 E5C5D3

 F9C5DC

 FFC5E5

Harmonies

Analogous

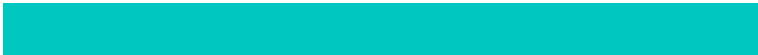
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91BF72



5BC595



00C7BF

Triad

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



5BC595



8BB1FF



FA987F

Complementary

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



5BC595



C55B8B

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.



FF91A5



5BC595



C8A2F0

Square

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



5BC595



31BDFE



EF95CE



E2A665

Rectangle

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



5BC595



00C6DA



EF95CE



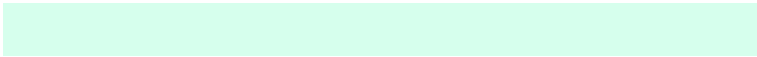
FE958B

Sweetspot

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



5BC595



D6FFED



8CC55B



678075



000000



808080

Same Dimension

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



5BC595



59FFB4



5BC1C5



5A635F



00A359



002414

Inverse Universe

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



C55B8B



FF59A4



C55F5B



635A5E



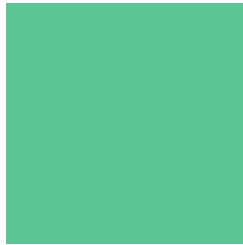
A3004A



240010

Previews

White Background



This preview shows how the Hex color 5BC595 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 5BC595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

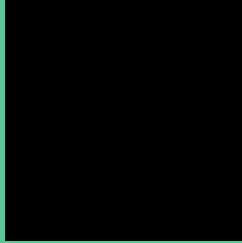
Any Text WCAG AA ✓ Pass

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 5BC595 Background



This preview shows how black text looks on a background with the Hex color 5BC595.

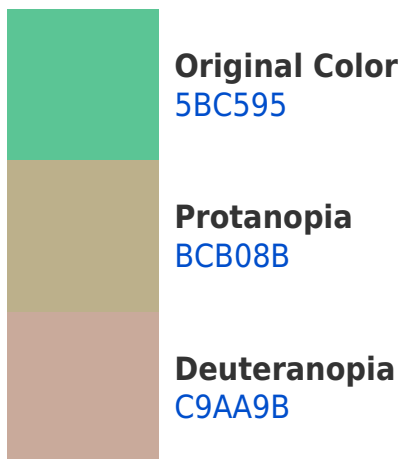


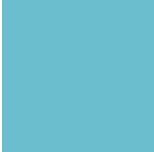
This preview shows how white text looks on a background with the Hex color 5BC595.

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](#).

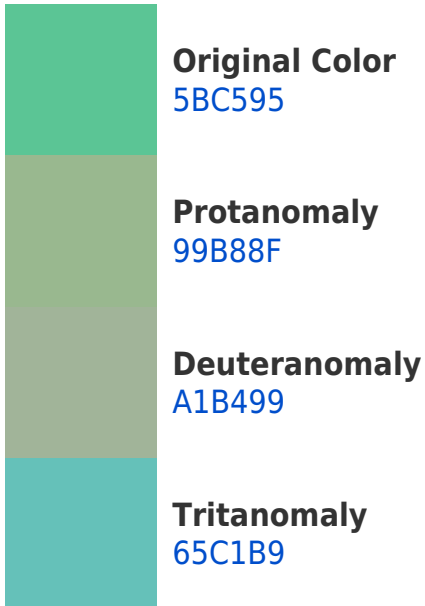
Dichromacy



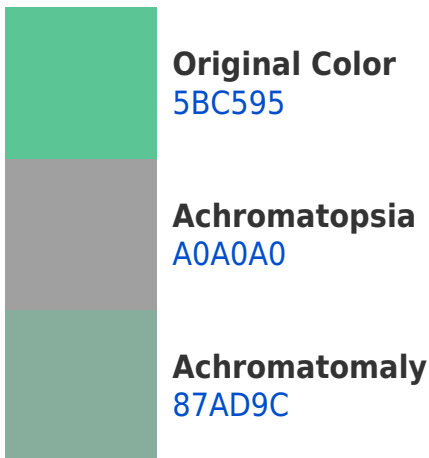


Tritanopia
6BBECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BC595 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 #5BC595 looks like.

```
.text, #text, p{  
    color:#5BC595  
}
```

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 #5BC595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC595
}
```

Border

The CSS property to change the border of an element to Hex 5BC595 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
#5BC595 }
```

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

```
.border{ border-color:#5BC595 }
```

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

Here you see how a box with a 4 pixel #5BC595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC595; -webkit-box-shadow:4px 4px  
4px 4px #5BC595; box-shadow:4px 4px 4px  
4px #5BC595 }
```

Background

The CSS property to change the background color of an element to Hex 5BC595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC595 }
```

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

```
.background{ background-color:#5BC595 }
```

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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