

Converting Colors

Hex(5CB777)

Have a look what the booklet for
Hex(5CB777) contains.

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Color

Hex(5CB777)

Conversions

Conversions Part 1

Format	Color
Hex	5CB777
RGB	92, 183, 119
RGB Percent	36%, 72%, 47%
CMY	0.6392, 0.2824, 0.5333
CMYK	0.50, 0.00, 0.35, 0.28
HSL	138°, 39%, 54%
HSV	138°, 50%, 72%
XYZ	24.6769, 37.4742, 23.3854
YIQ	148.4950, -33.6920, -39.1960

Conversions

Conversions Part 2

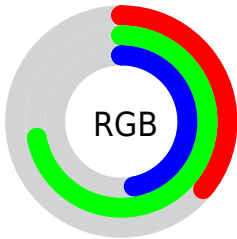
Format	Color
RYB	92, 162, 183
Decimal	6076279
CIELab	67.63, -41.51, 24.42
CIElCh	68, 48.157, 149.531
Yxy	37.4742, 0.2885, 0.4381
Android (android.graphics.Color)	4284266359 (0xFF5CB777)
YUV	148.4950, -14.5410, -49.5461
Hunter-Lab	61.2162, -35.1730, 20.2017

Details

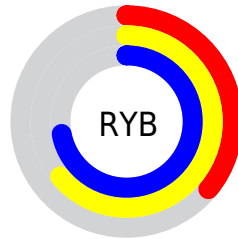
The Hex color **5CB777** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B75C9C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **93F0AC**, and **218146** is the 20% darker color. If you saturate the color by 10%, you get **4AB76A**, and if you desaturate by 10%, it is **6EB784**.

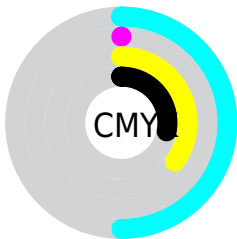
Distribution



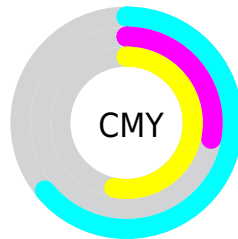
- Red (36%)
- Green (72%)
- Blue (47%)



- Red (36%)
- Yellow (64%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CB777 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 5CB777 by changing the saturation by 10% instead.

 5CB777

 5CB777

FFFFFF

 409C5E

 93F0AC

 218146

 B0FFC7

 00672F

 CCFE3

 004F18

 EAFFFF

 003700

 002200

 000000

 5CB777

 5CB777

 4AB76A

 6EB784

 37B75D

 81B791

 25B750

 93B79E

 13B744

 A5B7AA

 01B737

 B8B7B7

 00B736

 CAB7C4

 DCB7D1

 EEB7DE

 FFB7EB

Harmonies

Analogous

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



93AF56



5CB777



00BBA3

Triad

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



5CB777



55A9FB



F5857C

Complementary

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



5CB777



B75C9C

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.



F380A7



5CB777



A79AF0

Square

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



5CB777



00B5EF



DA89D1



E1925B

Rectangle

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



5CB777



00BBC0



DA89D1



F7828A

Sweetspot

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



5CB777



CAEDD4



9DB75C



627869



F7F7F7



787878

Same Dimension

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



5CB777



5FED89



5CB7A3



535C55



009C2E



001C08

Inverse Universe

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



B75C9C



ED5FC3



B75C70



5C5359



9C006D



1C0014

Previews

White Background



This preview shows how the Hex color 5CB777 looks on a white background.

Color Contrast Check

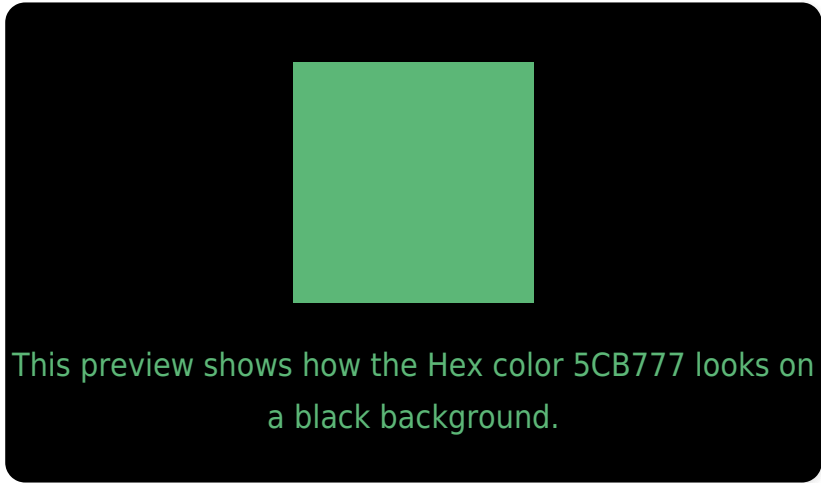
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 5CB777 Background



This preview shows how black text looks on a background with the Hex color 5CB777.



This preview shows how white text looks on a background with the Hex color 5CB777.

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



Original Color
5CB777

Protanopia
B1A46F

Deuteranopia
C09D7D

Trichromacy



Original Color
5CB777



Protanomaly
92AB72



Deuteranomaly
9CA67B



Tritanomaly
67B1A3

Monochromacy



Original Color
5CB777



Achromatopsia
949494



Achromatomaly
80A189

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CB777 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 #5CB777 looks like.

```
.text, #text, p{  
    color:#5CB777  
}
```

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 #5CB777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB777
}
```

Border

The CSS property to change the border of an element to Hex 5CB777 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
#5CB777 }
```

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

```
.border{ border-color:#5CB777 }
```

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

Here you see how a box with a 4 pixel #5CB777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB777; -webkit-box-shadow:4px 4px  
4px 4px #5CB777; box-shadow:4px 4px 4px  
4px #5CB777 }
```

Background

The CSS property to change the background color of an element to Hex 5CB777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB777 }
```

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

```
.background{ background-color:#5CB777 }
```

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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