

# Converting Colors

Hex(5CB277)

Have a look what the booklet for  
Hex(5CB277) contains.

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**Color**

**Hex(5CB277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CB277
RGB	92, 178, 119
RGB Percent	36%, 70%, 47%
CMY	0.6392, 0.3020, 0.5333
CMYK	0.48, 0.00, 0.33, 0.30
HSL	139°, 36%, 53%
HSV	139°, 48%, 70%
XYZ	23.6638, 35.4480, 23.0477
YIQ	145.5600, -32.3170, -36.5810

# Conversions

## Conversions Part 2

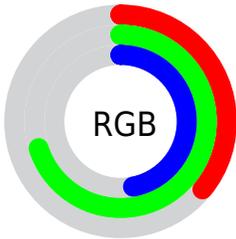
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 157, 178
Decimal	6074999
CIELab	66.10, -39.32, 22.35
CIELCh	66, 45.225, 150.381
Yxy	35.4480, 0.2880, 0.4315
Android (android.graphics.Color)	4284265079 (0xFF5CB277)
YUV	145.5600, -13.0941, -46.9721
Hunter-Lab	59.5382, -33.2461, 18.7252

# Details

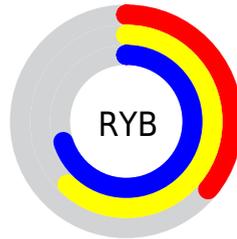
The Hex color **5CB277** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B25C97**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **93EAAC**, and **227D46** is the 20% darker color. If you saturate the color by 10%, you get **4AB26B**, and if you desaturate by 10%, it is **6EB283**.

# Distribution



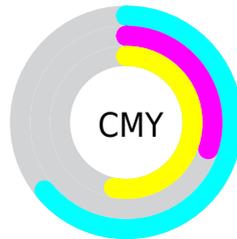
- Red (36%)
- Green (70%)
- Blue (47%)



- Red (36%)
- Yellow (62%)
- Blue (70%)



- Cyan (48%)
- Magenta (0%)
- Yellow (33%)
- Black (30%)



- Cyan (64%)
- Magenta (30%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CB277 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 5CB277 by changing the saturation by 10% instead.



 5CB277

FFFFFF

 93EAAC

 AFFFC7

 CCFFE3

 E9FFFF

 5CB277

 4AB26B

 5CB277

 40975E

 227D46

 00632F

 004A19

 003300

 001E00

 000000

 5CB277

 6EB283

 38B25F

 80B28F

 27B252

 91B29C

 15B246

 A3B2A8

 03B23A

 B5B2B4

 00B238

 C7B2C0

 D9B2CC

 EAB2D9

 FCB2E5

# Harmonies

## Analogous

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



8FAA58



5CB277



00B5A0

# Triad

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



5CB277



5CA5F1



EC837A

# Complementary

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



5CB277



B25C97

# 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.



EB7FA2



5CB277



A496E7

# Square

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



5CB277



00AFE6



D387C9



D9905B

# Rectangle

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



5CB277



00B5BC



D387C9



EE8187

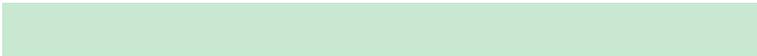


# Sweetspot

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



5CB277



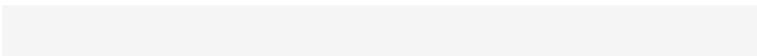
C8E8D2



98B25C



617568



F5F5F5



757575



# Same Dimension

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



5CB277



61E88C



5CB2A1



505953



009930



001A08



# Inverse Universe

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



B25C97



E861BE



B25C6D



595056



990069

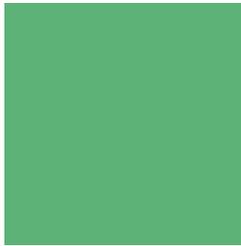


1A0011



# Previews

## White Background



This preview shows how the Hex color 5CB277 looks on a white background.

## Color Contrast Check

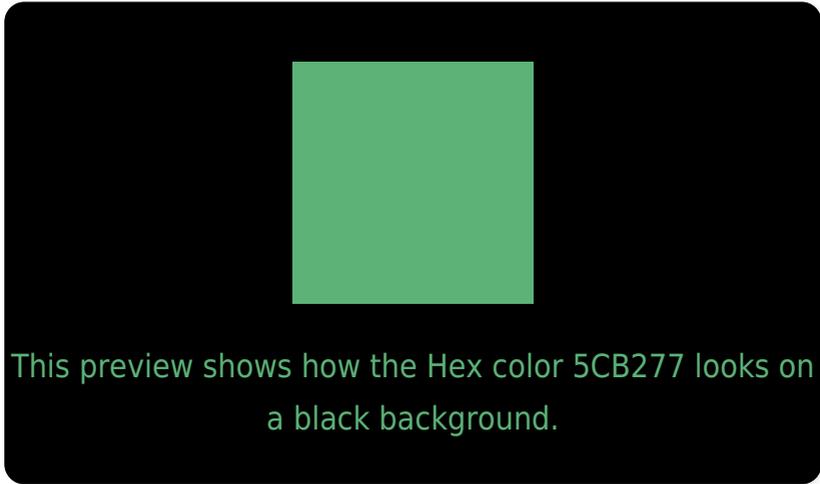
Large Text (above 18pt) WCAG AA × Fail

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

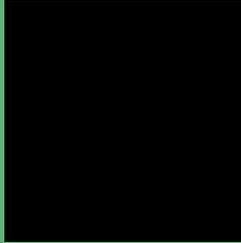
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CB277 Background



This preview shows how black text looks on a background with the Hex color 5CB277.



This preview shows how white text looks on a background with the Hex color 5CB277.

# Color Blindness Simulation

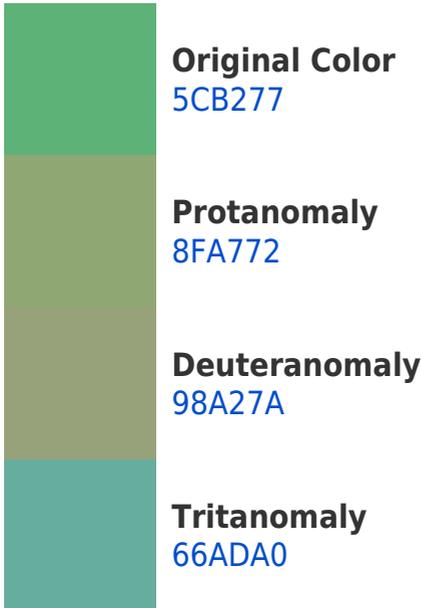
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CB277 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 #5CB277 looks like.

```
.text, #text, p{  
    color:#5CB277  
}
```

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 #5CB277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB277
}
```

## Border

The CSS property to change the border of an element to Hex 5CB277 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
#5CB277 }
```

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

```
.border{ border-color:#5CB277 }
```

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

Here you see how a box with a 4 pixel #5CB277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB277; -webkit-box-shadow:4px 4px  
4px 4px #5CB277; box-shadow:4px 4px 4px  
4px #5CB277 }
```

# Background

The CSS property to change the background color of an element to Hex 5CB277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB277 }
```

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

```
.background{ background-color:#5CB277 }
```

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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