

Converting Colors

Hex(5CB559)

Have a look what the booklet for
Hex(5CB559) contains.

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Color

Hex(5CB559)

Conversions

Conversions Part 1

Format	Color
Hex	5CB559
RGB	92, 181, 89
RGB Percent	36%, 71%, 35%
CMY	0.6392, 0.2902, 0.6510
CMYK	0.49, 0.00, 0.51, 0.29
HSL	118°, 38%, 53%
HSV	118°, 51%, 71%
XYZ	22.7407, 36.0443, 15.2099
YIQ	143.9010, -23.5120, -47.4800

Conversions

Conversions Part 2

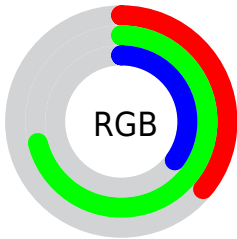
Format	Color
RYB	89, 181, 178
Decimal	6075737
CIELab	66.55, -45.43, 38.56
CIELCh	67, 59.591, 139.677
Yxy	36.0443, 0.3073, 0.4871
Android (android.graphics.Color)	4284265817 (0xFF5CB559)
YUV	143.9010, -27.0662, -45.5172
Hunter-Lab	60.0369, -37.4527, 27.0052

Details

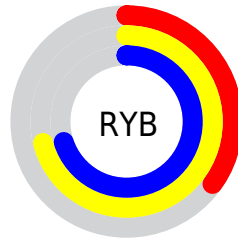
The Hex color **5CB559** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B259B5**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **94EE8D**, and **1F7F27** is the 20% darker color. If you saturate the color by 10%, you get **4AB547**, and if you desaturate by 10%, it is **6EB56B**.

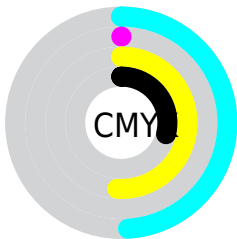
Distribution



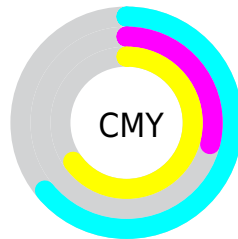
- Red (36%)
- Green (71%)
- Blue (35%)



- Red (35%)
- Yellow (71%)
- Blue (70%)



- Cyan (49%)
- Magenta (0%)
- Yellow (51%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CB559 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 5CB559 by changing the saturation by 10% instead.



5CB559



5CB559

FFFFFF



409A40



94EE8D



1F7F27



B0FFA8



00650C



CDFFC3



004D00



EAFFE0



003500

FFFFFFD



001F00



000000



5CB559



5CB559



4AB547



6EB56B

 39B535

 7FB57D

 27B523

 91B58F

 16B511

 A2B5A1

 06B500

 B4B5B4

 C5B5C6

 D7B5D8

 E8B5EA

 FAB5FC

Harmonies

Analogous

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



9DAA34



5CB559



00BB8D

Triad

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



5CB559



00ADFF



FF7381

Complementary

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



5CB559



B259B5

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.



FA73B7



5CB559



829BFF

Square

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



5CB559



00B8F3



D185E8



F38452

Rectangle

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



5CB559



00BCB2



D185E8



FF7193

Sweetspot

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



5CB559



C9EBC7



B5B259



617560



F5F5F5



757575

Same Dimension

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



5CB559



60EB5B



59B584



515950



059900



011A00

Inverse Universe

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



B259B5



E65BEB



B5598A



595059



940099



19001A

Previews

White Background



This preview shows how the Hex color 5CB559 looks on a white background.

Color Contrast Check

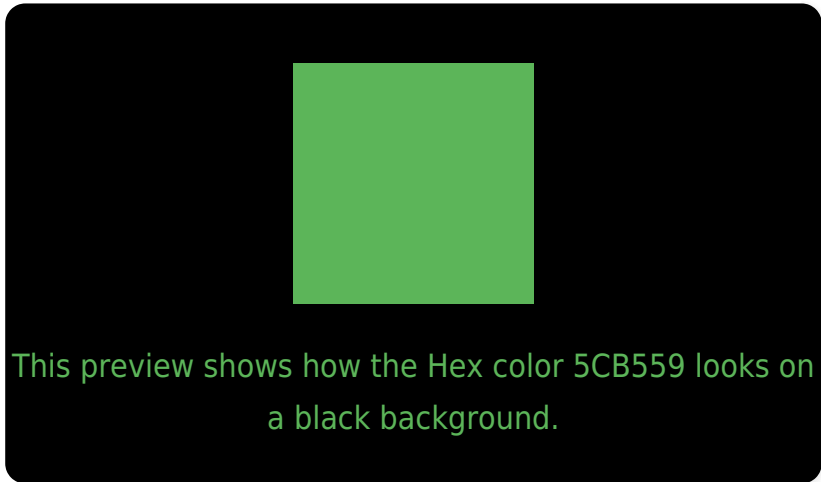
Large Text (above 18pt) WCAG AA × Fail

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

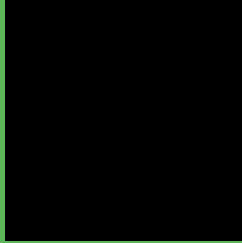
Any Text WCAG AA ✓ Pass

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 5CB559 Background



This preview shows how black text looks on a background with the Hex color 5CB559.

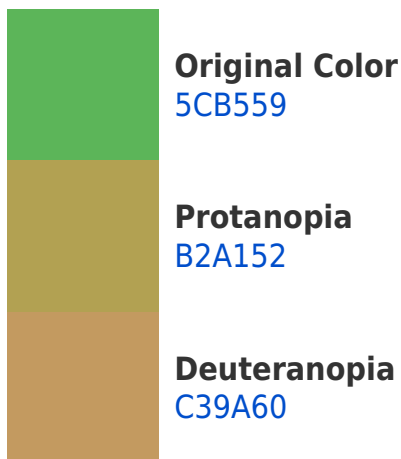


This preview shows how white text looks on a background with the Hex color 5CB559.

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](#).

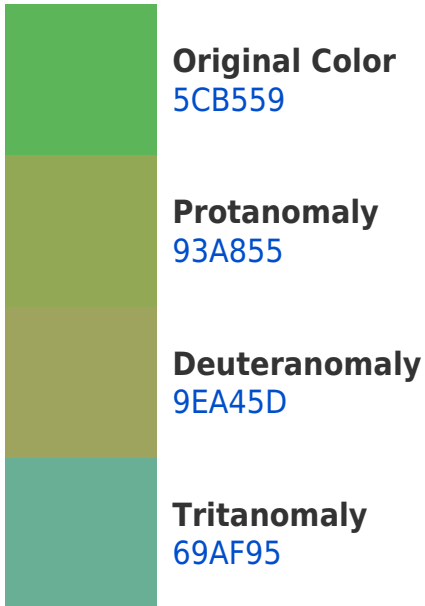
Dichromacy



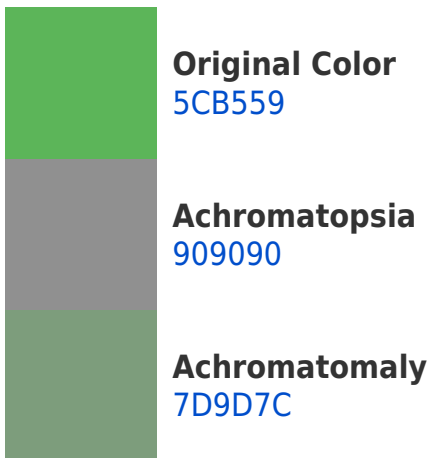


Tritanopia
70ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CB559 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 #5CB559 looks like.

```
.text, #text, p{  
    color:#5CB559  
}
```

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 #5CB559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB559
}
```

Border

The CSS property to change the border of an element to Hex 5CB559 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
#5CB559 }
```

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

```
.border{ border-color:#5CB559 }
```

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

Here you see how a box with a 4 pixel #5CB559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB559; -webkit-box-shadow:4px 4px  
4px 4px #5CB559; box-shadow:4px 4px 4px  
4px #5CB559 }
```

Background

The CSS property to change the background color of an element to Hex 5CB559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB559 }
```

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

```
.background{ background-color:#5CB559 }
```

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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