

Converting Colors

Hex(5CB63D)

Have a look what the booklet for
Hex(5CB63D) contains.

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Color

Hex(5CB63D)

Conversions

Conversions Part 1

Format	Color
Hex	5CB63D
RGB	92, 182, 61
RGB Percent	36%, 71%, 24%
CMY	0.6392, 0.2863, 0.7608
CMYK	0.49, 0.00, 0.66, 0.29
HSL	105°, 50%, 48%
HSV	105°, 66%, 71%
XYZ	21.9839, 36.0681, 10.2181
YIQ	141.2960, -14.7990, -56.7110

Conversions

Conversions Part 2

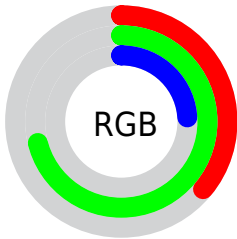
Format	Color
RYB	61, 182, 151
Decimal	6075965
CIELab	66.57, -48.99, 51.48
CIELCh	67, 71.066, 133.583
Yxy	36.0681, 0.3220, 0.5283
Android (android.graphics.Color)	4284266045 (0xFF5CB63D)
YUV	141.2960, -39.5859, -43.2326
Hunter-Lab	60.0567, -39.7590, 31.9521

Details

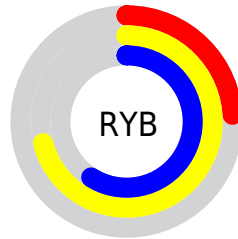
The Hex color **5CB63D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **973DB6**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **95EF72**, and **1C8000** is the 20% darker color. If you saturate the color by 10%, you get **4EB62B**, and if you desaturate by 10%, it is **6AB64F**.

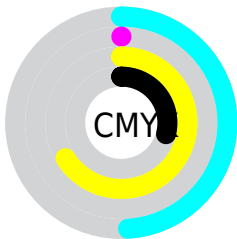
Distribution



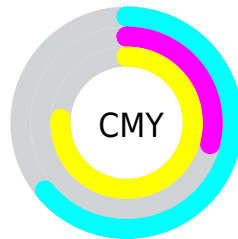
- Red (36%)
- Green (71%)
- Blue (24%)



- Red (24%)
- Yellow (71%)
- Blue (59%)



- Cyan (49%)
- Magenta (0%)
- Yellow (66%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CB63D 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 5CB63D by changing the saturation by 10% instead.

 5CB63D

 5CB63D

FFFFFF

 3E9B21

 95EF72

 1C8000

 B2FF8D

 006600

 CFFFA8

 004D00

 ECFFC4

 003500

 FFFFE1

 001F00

FFFFFFE

 000000

 5CB63D

 5CB63D

 4EB62B

 6AB64F

■ 41B619

■ 77B661

■ 33B606

■ 85B674

■ 2FB600

■ 92B686

■ A0B698

■ ADB6AA

■ BBB6BC

■ C8B6CF

■ D6B6E1

Harmonies

Analogous

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



A6A800



5CB63D



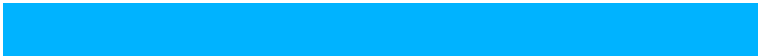
00BD7B

Triad

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



5CB63D



00B3FF



FF6288

Complementary

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



5CB63D



973DB6

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.



FF68C8



5CB63D



4F9FFF

Square

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



5CB63D



00BDF9



C983FF



FF774C

Rectangle

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



5CB63D



00BFA8



C983FF



FF619D

Sweetspot

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



5CB63D



CAEDBE



B6963D



62785B



F7F7F7



787878

Same Dimension

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



5CB63D



60ED2F



3DB659



555C53



289C00



071C00

Inverse Universe

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



973DB6



BD2FED



B63D9A



59535C



74009C



15001C

Previews

White Background



This preview shows how the Hex color 5CB63D looks on a white background.

Color Contrast Check

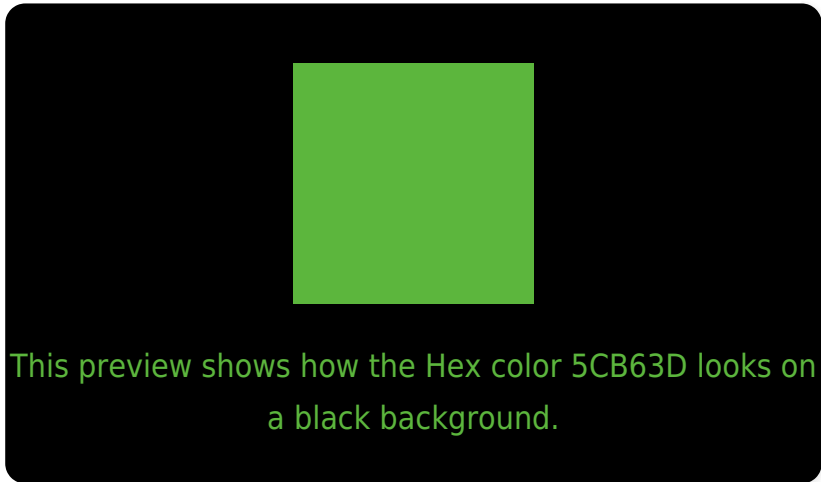
Large Text (above 18pt) WCAG AA × Fail

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 5CB63D Background



This preview shows how black text looks on a background with the Hex color 5CB63D.



This preview shows how white text looks on a background with the Hex color 5CB63D.

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
5CB63D

Protanopia
B4A137

Deuteranopia
C79946



Tritanopia
72AAB8

Trichromacy



Original Color
5CB63D



Protanomaly
94A939



Deuteranomaly
A0A443



Tritanomaly
6AAE8B

Monochromacy



Original Color
5CB63D



Achromatopsia
8D8D8D



Achromatomaly
7B9C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CB63D 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 #5CB63D looks like.

```
.text, #text, p{  
    color:#5CB63D  
}
```

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 #5CB63D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB63D
}
```

Border

The CSS property to change the border of an element to Hex 5CB63D 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
#5CB63D }
```

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

```
.border{ border-color:#5CB63D }
```

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

Here you see how a box with a 4 pixel #5CB63D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB63D; -webkit-box-shadow:4px 4px  
4px 4px #5CB63D; box-shadow:4px 4px 4px  
4px #5CB63D }
```

Background

The CSS property to change the background color of an element to Hex 5CB63D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB63D }
```

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

```
.background{ background-color:#5CB63D }
```

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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