

Converting Colors

Hex(5BC35D)

Have a look what the booklet for
Hex(5BC35D) contains.

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Color

Hex(5BC35D)

Conversions

Conversions Part 1

Format	Color
Hex	5BC35D
RGB	91, 195, 93
RGB Percent	36%, 76%, 36%
CMY	0.6431, 0.2353, 0.6353
CMYK	0.53, 0.00, 0.52, 0.24
HSL	121°, 46%, 56%
HSV	121°, 53%, 76%
XYZ	25.8053, 42.0447, 17.1113
YIQ	152.2760, -29.2420, -53.7700

Conversions

Conversions Part 2

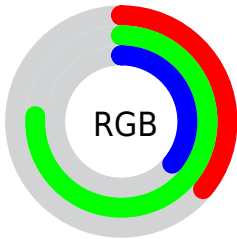
Format	Color
RYB	91, 193, 195
Decimal	6013789
CIELab	70.90, -50.81, 41.90
CIELCh	71, 65.862, 140.491
Yxy	42.0447, 0.3037, 0.4949
Android (android.graphics.Color)	4284203869 (0xFF5BC35D)
YUV	152.2760, -29.2231, -53.7391
Hunter-Lab	64.8419, -42.4352, 29.7431

Details

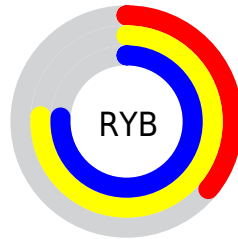
The Hex color **5BC35D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **C35BC1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **95FC91**, and **178C2A** is the 20% darker color. If you saturate the color by 10%, you get **48C34A**, and if you desaturate by 10%, it is **6EC370**.

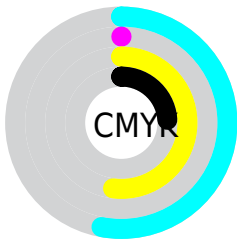
Distribution



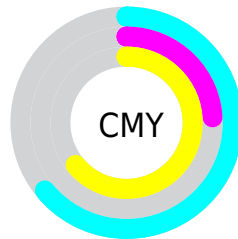
- Red (36%)
- Green (76%)
- Blue (36%)



- Red (36%)
- Yellow (76%)
- Blue (76%)



- Cyan (53%)
- Magenta (0%)
- Yellow (52%)
- Black (24%)



- Cyan (64%)
- Magenta (24%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BC35D 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 5BC35D by changing the saturation by 10% instead.

 5BC35D

 5BC35D

FFFFFF

 3DA744

 95FC91

 178C2A

 B1FFAD

 00720E

 CFFFC9

 005900

 ECFE5

 004000

 002A00

 000600

 000000

 5BC35D

 5BC35D

 48C34A

 6EC370

 34C337

 82C383

 20C324

 95C396

 0DC310

 A9C3AA

 00C304

 BCC3BD

 D0C3D0

 E3C3E3

 F7C3F6

 FFC3FF

Harmonies

Analogous

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



A5B731



5BC35D



00C998

Triad

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



5BC35D



00BAFF



FF7887

Complementary

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



5BC35D



C35BC1

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.



FF78C3



5BC35D



8CA6FF

Square

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



5BC35D



00C6FF



E48CFB



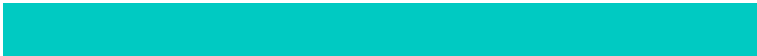
FF8C52

Rectangle

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



5BC35D



00CAC2



E48CFB



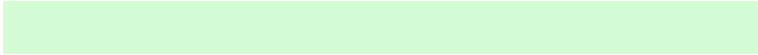
FF759B

Sweetspot

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



5BC35D



D4FCD5



C1C35B



678068



000000



808080

Same Dimension

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



5BC35D



5BFC5E



5BC391



576157



00A103



002101

Inverse Universe

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



C35BC1



FC5BF9



C35B8D



615761



A1009E



210021

Previews

White Background



This preview shows how the Hex color 5BC35D looks on a white background.

Color Contrast Check

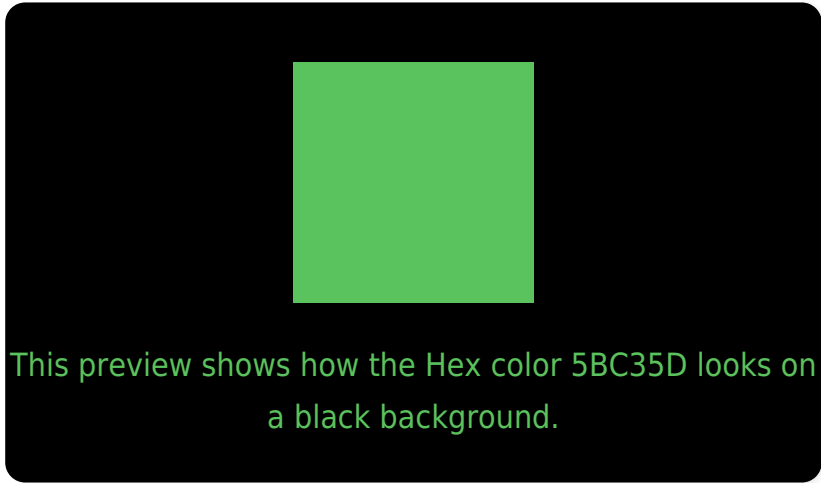
Large Text (above 18pt) WCAG AA × Fail

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

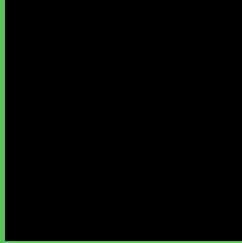
Any Text WCAG AA ✓ Pass

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 5BC35D Background



This preview shows how black text looks on a background with the Hex color 5BC35D.

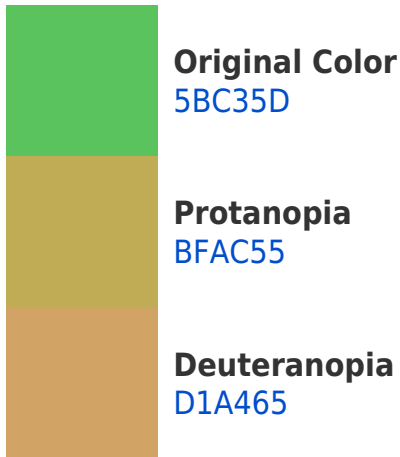


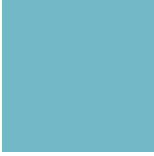
This preview shows how white text looks on a background with the Hex color 5BC35D.

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](#).

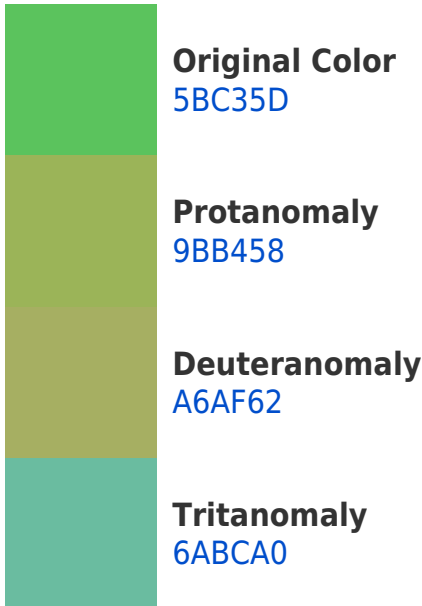
Dichromacy



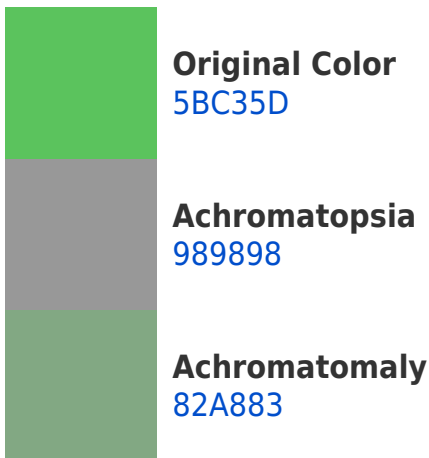


Tritanopia
73B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BC35D 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 #5BC35D looks like.

```
.text, #text, p{  
    color:#5BC35D  
}
```

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 #5BC35D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC35D
}
```

Border

The CSS property to change the border of an element to Hex 5BC35D 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
#5BC35D }
```

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

```
.border{ border-color:#5BC35D }
```

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

Here you see how a box with a 4 pixel #5BC35D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC35D; -webkit-box-shadow:4px 4px  
4px 4px #5BC35D; box-shadow:4px 4px 4px  
4px #5BC35D }
```

Background

The CSS property to change the background color of an element to Hex 5BC35D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC35D }
```

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

```
.background{ background-color:#5BC35D }
```

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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