

Converting Colors

Hex(50A85B)

Have a look what the booklet for
Hex(50A85B) contains.

Hex(50A85B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50A85B)

Conversions

Conversions Part 1

Format	Color
Hex	50A85B
RGB	80, 168, 91
RGB Percent	31%, 66%, 36%
CMY	0.6863, 0.3412, 0.6431
CMYK	0.52, 0.00, 0.46, 0.34
HSL	128°, 35%, 49%
HSV	128°, 52%, 66%
XYZ	19.1992, 30.4661, 14.7662
YIQ	132.9100, -27.7310, -42.6030

Conversions

Conversions Part 2

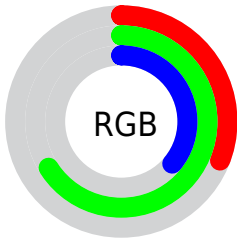
Format	Color
RYB	80, 158, 168
Decimal	5285979
CIELab	62.05, -43.07, 31.82
CIElCh	62, 53.550, 143.541
Yxy	30.4661, 0.2980, 0.4728
Android (android.graphics.Color)	4283476059 (0xFF50A85B)
YUV	132.9100, -20.6616, -46.4021
Hunter-Lab	55.1961, -34.5043, 22.7759

Details

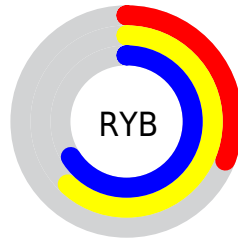
The Hex color **50A85B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A8509D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **87E08E**, and **0F732B** is the 20% darker color. If you saturate the color by 10%, you get **3FA84C**, and if you desaturate by 10%, it is **61A86A**.

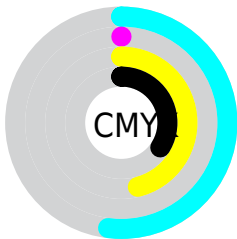
Distribution



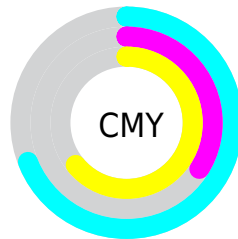
- Red (31%)
- Green (66%)
- Blue (36%)



- Red (31%)
- Yellow (62%)
- Blue (66%)



- Cyan (52%)
- Magenta (0%)
- Yellow (46%)
- Black (34%)



- Cyan (69%)
- Magenta (34%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A85B 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 50A85B by changing the saturation by 10% instead.

 50A85B

 50A85B

FFFFFF

 338D43

 87E08E

 0F732B

 A3FDA9

 005A13

 C0FFC5

 004100

 DDFFE1

 002B00

 FAFFFE

 000E00

 000000

 50A85B

 50A85B

 3FA84C

 61A86A

 2EA83E

 72A878

 1EA82F

 82A887

 0DA820

 93A896

 00A815

 A4A8A4

 B5A8B3

 C6A8C2

 D6A8D1

 E7A8DF

Harmonies

Analogous

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



8B9F39



50A85B



00AD8A

Triad

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



50A85B



009EF4



ED6F73

Complementary

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



50A85B



A8509D

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.



E76CA2



50A85B



868EED

Square

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



50A85B



00A9E1



C67ACF



DB7E4A

Rectangle

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



50A85B



00ADAB



C67ACF



EE6C82

Sweetspot

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



50A85B



B8DBBD



9EA850



596E5B



EDEDED



6E6E6E

Same Dimension

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



50A85B



51DB62



50A886



4C544D



009412



001403

Inverse Universe

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



A8509D



DB51CA



A85072



544C53



940081



140012

Previews

White Background



This preview shows how the Hex color 50A85B looks on a white background.

Color Contrast Check

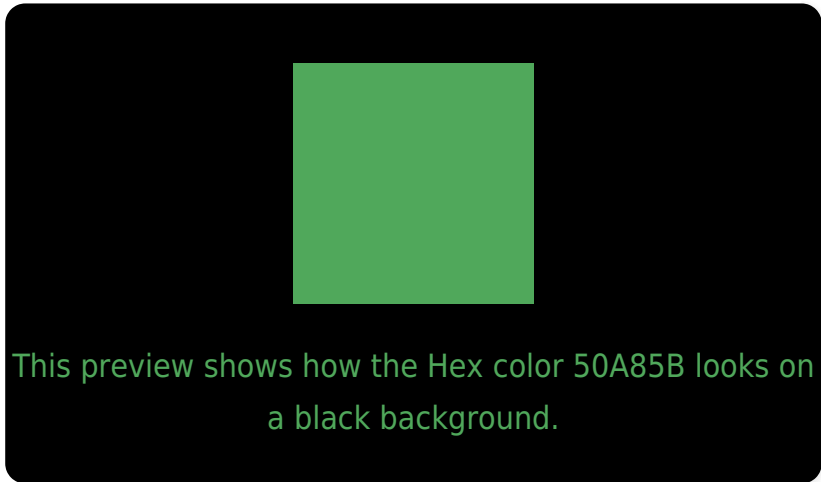
Large Text (above 18pt) WCAG AA × Fail

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 50A85B Background



This preview shows how black text looks on a background with the Hex color 50A85B.



This preview shows how white text looks on a background with the Hex color 50A85B.

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



Original Color
50A85B



Protanomaly
859C57



Deuteranomaly
8F975F



Tritanomaly
5CA28F

Monochromacy



Original Color
50A85B



Achromatopsia
858585



Achromatomaly
729276

CSS Examples

Text

The CSS property to change the color of the text to Hex 50A85B 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 #50A85B looks like.

```
.text, #text, p{  
    color:#50A85B  
}
```

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 #50A85B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A85B  
}
```

Border

The CSS property to change the border of an element to Hex 50A85B 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  
#50A85B }
```

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

```
.border{ border-color:#50A85B }
```

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

Here you see how a box with a 4 pixel #50A85B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A85B; -webkit-box-shadow:4px 4px  
4px 4px #50A85B; box-shadow:4px 4px 4px  
4px #50A85B }
```

Background

The CSS property to change the background color of an element to Hex 50A85B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A85B }
```

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

```
.background{ background-color:#50A85B }
```

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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