

# Converting Colors

Hex(58B26A)

Have a look what the booklet for  
Hex(58B26A) contains.

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**Color**

**Hex(58B26A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58B26A
RGB	88, 178, 106
RGB Percent	35%, 70%, 42%
CMY	0.6549, 0.3020, 0.5843
CMYK	0.51, 0.00, 0.40, 0.30
HSL	132°, 37%, 52%
HSV	132°, 51%, 70%
XYZ	22.5464, 34.9561, 19.1946
YIQ	142.8820, -30.5280, -41.4720

# Conversions

## Conversions Part 2

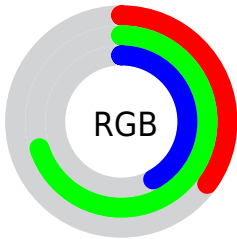
Format	Color
<a href="#">RYB</a>	<a href="#">88, 163, 178</a>
Decimal	<a href="#">5812842</a>
CIELab	<a href="#">65.71, -42.70, 28.74</a>
CIELCh	<a href="#">66, 51.475, 146.053</a>
Yxy	<a href="#">34.9561, 0.2940, 0.4558</a>
Android (android.graphics.Color)	<a href="#">4284002922 (0xFF58B26A)</a>
YUV	<a href="#">142.8820, -18.1828, -48.1315</a>
Hunter-Lab	<a href="#">59.1237, -35.3967, 22.1380</a>

# Details

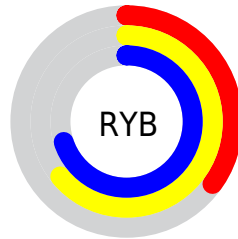
The Hex color **58B26A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B258A0**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8FEA9E**, and **1B7C39** is the 20% darker color. If you saturate the color by 10%, you get **46B25C**, and if you desaturate by 10%, it is **6AB278**.

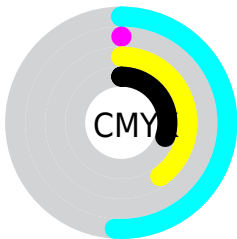
# Distribution



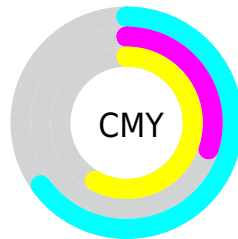
- Red (35%)
- Green (70%)
- Blue (42%)



- Red (35%)
- Yellow (64%)
- Blue (70%)



- Cyan (51%)
- Magenta (0%)
- Yellow (40%)
- Black (30%)



- Cyan (65%)
- Magenta (30%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58B26A 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 58B26A by changing the saturation by 10% instead.



 58B26A

 58B26A

FFFFFF

 3C9751

 8FEA9E

 1B7C39

 ACFFB9

 006322

 C8FFD5

 004A0A

 E5FFF2

 003200

 001C00

 000000

 58B26A

 58B26A

 46B25C


 6AB278

 34B24E

 7CB286

 23B23F

 8DB295

 11B231

 9FB2A3

 00B224

 B1B2B1

 C3B2BF

 D5B2CE

 E6B2DC

 F8B2EA

# Harmonies

## Analogous

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



92A949



58B26A



00B698

# Triad

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



58B26A



2CA6FB



F57B7A

# Complementary

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



58B26A



B258A0

# 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.



F178A8



58B26A



9896F3

# Square

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



58B26A



00B1EB



D384D4



E28A54

# Rectangle

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



58B26A



00B7B8



D384D4



F67989



# Sweetspot

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



58B26A



C5E8CC



A0B258



607564



F5F5F5



757575



# Same Dimension

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



58B26A



5AE877



58B297



505952



00991F



001A05



# Inverse Universe

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



B258A0



E85ACC



B25873



595057



99007A



1A0014



# Previews

## White Background



This preview shows how the Hex color 58B26A looks on a white background.

## Color Contrast Check

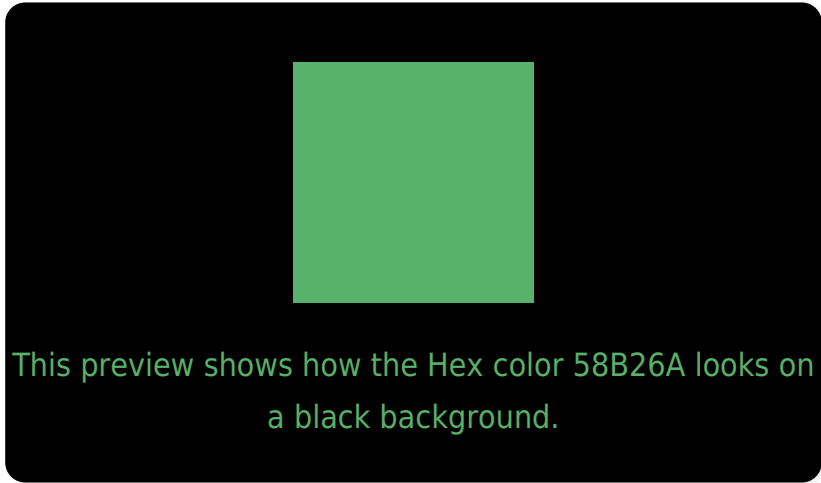
Large Text (above 18pt) WCAG AA × Fail

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 58B26A Background



This preview shows how black text looks on a background with the Hex color 58B26A.



This preview shows how white text looks on a background with the Hex color 58B26A.

# 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**  
58B26A

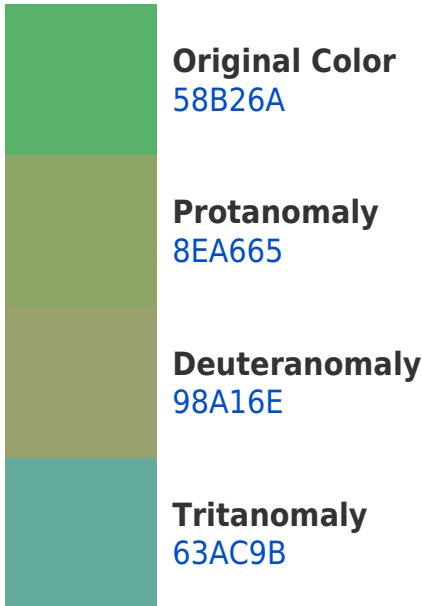
**Protanopia**  
AD9F62

**Deuteranopia**  
BD9870



**Tritanopia**  
6AA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58B26A 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 #58B26A looks like.

```
.text, #text, p{  
    color:#58B26A  
}
```

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 #58B26A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58B26A
}
```

## Border

The CSS property to change the border of an element to Hex 58B26A 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
#58B26A }
```

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

```
.border{ border-color:#58B26A }
```

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

Here you see how a box with a 4 pixel #58B26A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58B26A; -webkit-box-shadow:4px 4px  
4px 4px #58B26A; box-shadow:4px 4px 4px  
4px #58B26A }
```

# Background

The CSS property to change the background color of an element to Hex 58B26A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58B26A }
```

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

```
.background{ background-color:#58B26A }
```

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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