

# Converting Colors

Hex(25BD59)

Have a look what the booklet for  
Hex(25BD59) contains.

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**Color**

**Hex(25BD59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25BD59
RGB	37, 189, 89
RGB Percent	15%, 74%, 35%
CMY	0.8549, 0.2588, 0.6510
CMYK	0.80, 0.00, 0.53, 0.26
HSL	141°, 67%, 44%
HSV	141°, 80%, 74%
XYZ	20.7637, 37.5098, 15.5969
YIQ	132.1520, -58.4920, -63.3240

# Conversions

## Conversions Part 2

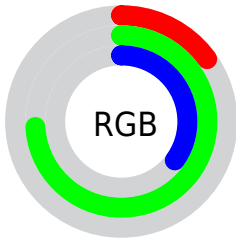
Format	Color
<a href="#">RYB</a>	<a href="#">37, 150, 189</a>
Decimal	<a href="#">2473305</a>
CIELab	<a href="#">67.66, -59.46, 39.59</a>
CIELCh	<a href="#">68, 71.435, 146.343</a>
Yxy	<a href="#">37.5098, 0.2811, 0.5078</a>
Android (android.graphics.Color)	<a href="#">4280663385 (0xFF25BD59)</a>
YUV	<a href="#">132.1520, -21.2739, -83.4483</a>
Hunter-Lab	<a href="#">61.2452, -46.6630, 27.7726</a>

# Details

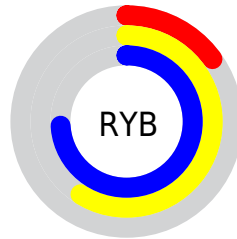
The Hex color **25BD59** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BD2589**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6DF68D**, and **008627** is the 20% darker color. If you saturate the color by 10%, you get **12BD4D**, and if you desaturate by 10%, it is **38BD65**.

# Distribution



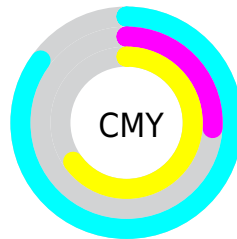
- Red (15%)
- Green (74%)
- Blue (35%)



- Red (15%)
- Yellow (59%)
- Blue (74%)



- Cyan (80%)
- Magenta (0%)
- Yellow (53%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25BD59 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 25BD59 by changing the saturation by 10% instead.



 25BD59

 25BD59

FFFFFF

 00A140

 6DF68D

 008627

 8BFFA8

 006C0B

 A9FFC4

 005200

 C8FFE0

 003A00

 E6FFFD

 002200

 000000

 25BD59

 25BD59

 12BD4D

 38BD65

 00BD41

 4BBD72

 5EBD7E

 71BD8B

 84BD97

 96BDA4

 A9BDB0

 BCBDBC

 CFBDC9

# Harmonies

## Analogous

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



8DB21E



25BD59



00C29B

# Triad

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



25BD59



00AFFF



FF6B70

# Complementary

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



25BD59



BD2589

# 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.



FF64B0



25BD59



9497FF

# Square

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



25BD59



00BDFE



EB79ED



FB8537

# Rectangle

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



25BD59



00C3C7



EB79ED



FF6684

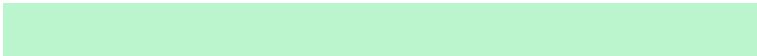


# Sweetspot

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



25BD59



BAF5CE



8ABD25



577A63



FAFAFA



7A7A7A



# Same Dimension

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



25BD59



07F559



25BDA4



555E58



009E36



001F0A



# Inverse Universe

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



BD2589



F507A4



BD253E



5E555B



9E0068



1F0014



# Previews

## White Background



This preview shows how the Hex color 25BD59 looks on a white background.

## Color Contrast Check

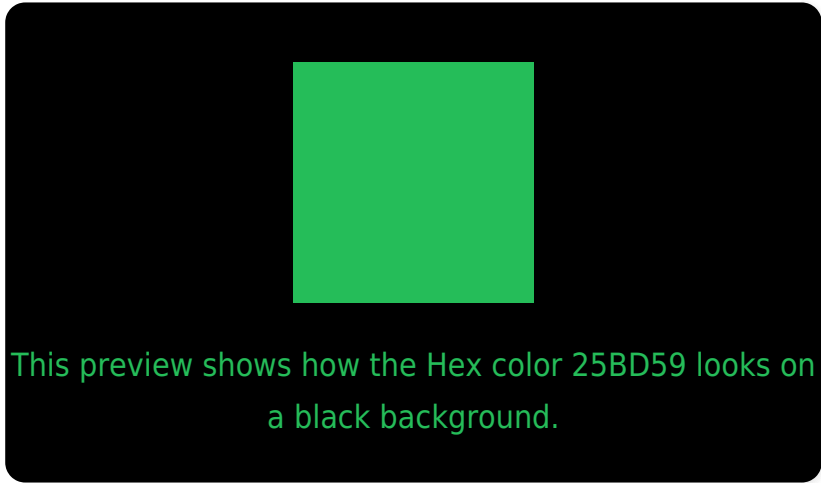
Large Text (above 18pt) WCAG AA × Fail

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 25BD59 Background



This preview shows how black text looks on a background with the Hex color 25BD59.

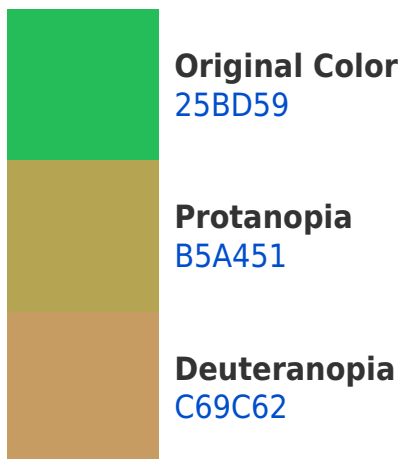


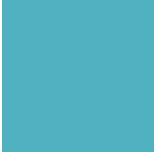
This preview shows how white text looks on a background with the Hex color 25BD59.

# 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](#).

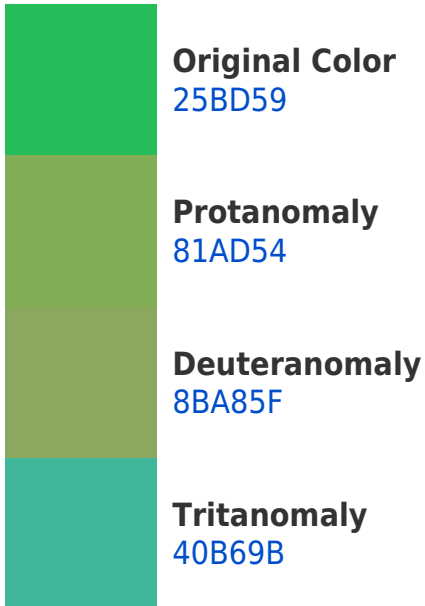
## Dichromacy



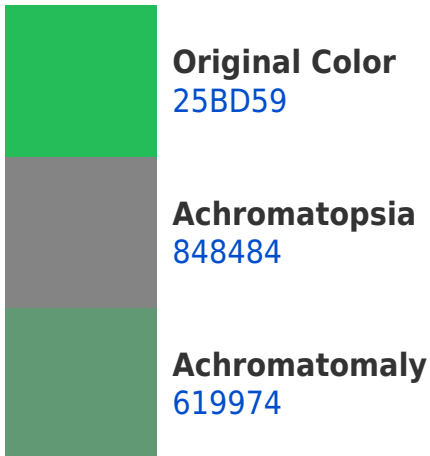


**Tritanopia**  
50B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25BD59 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 #25BD59 looks like.

```
.text, #text, p{  
    color:#25BD59  
}
```

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 #25BD59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25BD59
}
```

## Border

The CSS property to change the border of an element to Hex 25BD59 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
#25BD59 }
```

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

```
.border{ border-color:#25BD59 }
```

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

Here you see how a box with a 4 pixel #25BD59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25BD59; -webkit-box-shadow:4px 4px  
4px 4px #25BD59; box-shadow:4px 4px 4px  
4px #25BD59 }
```

# Background

The CSS property to change the background color of an element to Hex 25BD59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25BD59 }
```

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

```
.background{ background-color:#25BD59 }
```

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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