

Converting Colors

Hex(25B057)

Have a look what the booklet for
Hex(25B057) contains.

Hex(25B057)	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(25B057)

Conversions

Conversions Part 1

Format	Color
Hex	25B057
RGB	37, 176, 87
RGB Percent	15%, 69%, 34%
CMY	0.8549, 0.3098, 0.6588
CMYK	0.79, 0.00, 0.51, 0.31
HSL	142°, 65%, 42%
HSV	142°, 79%, 69%
XYZ	18.0086, 32.1321, 14.2698
YIQ	124.2930, -54.2750, -57.1470

Conversions

Conversions Part 2

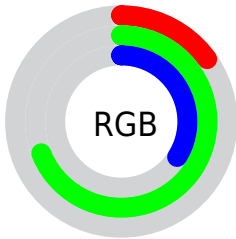
Format	Color
RYB	37, 139, 176
Decimal	2469975
CIELab	63.45, -55.29, 35.40
CIELCh	63, 65.648, 147.372
Yxy	32.1321, 0.2796, 0.4989
Android (android.graphics.Color)	4280660055 (0xFF25B057)
YUV	124.2930, -18.3854, -76.5560
Hunter-Lab	56.6852, -42.4906, 24.7541

Details

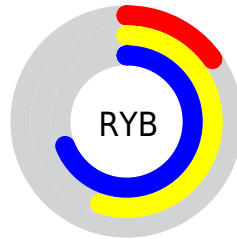
The Hex color **25B057** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B0257E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6AE98A**, and **007A26** is the 20% darker color. If you saturate the color by 10%, you get **13B04C**, and if you desaturate by 10%, it is **37B062**.

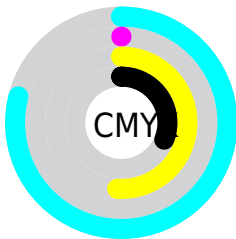
Distribution



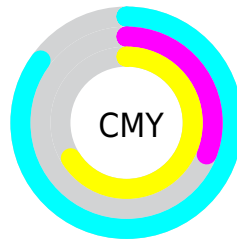
- Red (15%)
- Green (69%)
- Blue (34%)



- Red (15%)
- Yellow (55%)
- Blue (69%)



- Cyan (79%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)



- Cyan (85%)
- Magenta (31%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25B057 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 25B057 by changing the saturation by 10% instead.



25B057



25B057

FFFFFF



00953E



6AE98A



007A26



88FFA5



00600C



A5FFC1



004700



C3FFDD



003000



E1FFFA



001400



000000



25B057



25B057



13B04C



37B062

 02B040

 48B06E

 00B03F

 5AB079

 6BB084

 7DB08F

 8FB09B

 A0B0A6

 B2B0B1

 C3B0BC

Harmonies

Analogous

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



82A624



25B057



00B592

Triad

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



25B057



00A2FF



FF6767

Complementary

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



25B057



B0257E

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.



FE60A1



25B057



8F8CFF

Square

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



25B057



00AFFC



DB72DA



E77E35

Rectangle

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



25B057



00B5BB



DB72DA



FF627A

Sweetspot

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



25B057



AEE6C2



7FB025



51735D



F2F2F2



737373

Same Dimension

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



25B057



0BE65A



25B09B



505954



009937



001A09

Inverse Universe

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



B0257E



E60B97



B0253A



595056



990062



1A0010

Previews

White Background



This preview shows how the Hex color 25B057 looks on a white background.

Color Contrast Check

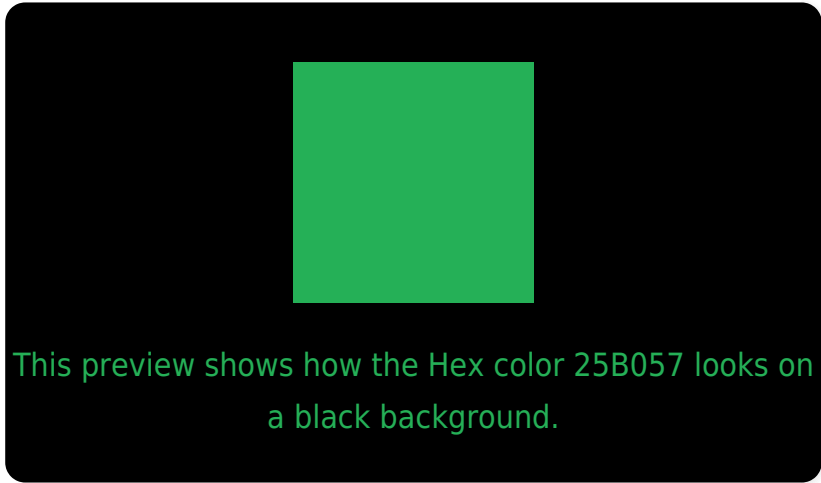
Large Text (above 18pt) WCAG AA × Fail

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

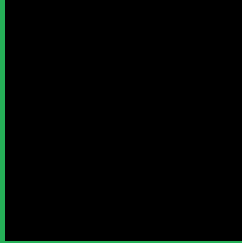
Any Text WCAG AA ✓ Pass

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 25B057 Background



This preview shows how black text looks on a background with the Hex color 25B057.



This preview shows how white text looks on a background with the Hex color 25B057.

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](#).

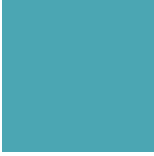
Dichromacy



Original Color
25B057

Protanopia
A8994F

Deuteranopia
B8925F



Tritanopia
4BA6B3

Trichromacy



Original Color
25B057



Protanomaly
78A152



Deuteranomaly
839D5C



Tritanomaly
3DAA92

Monochromacy



Original Color
25B057



Achromatopsia
7C7C7C



Achromatomaly
5C8F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 25B057 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 #25B057 looks like.

```
.text, #text, p{  
    color:#25B057  
}
```

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 #25B057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25B057
}
```

Border

The CSS property to change the border of an element to Hex 25B057 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
#25B057 }
```

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

```
.border{ border-color:#25B057 }
```

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

Here you see how a box with a 4 pixel #25B057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25B057; -webkit-box-shadow:4px 4px  
4px 4px #25B057; box-shadow:4px 4px 4px  
4px #25B057 }
```

Background

The CSS property to change the background color of an element to Hex 25B057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25B057 }
```

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

```
.background{ background-color:#25B057 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor