

# Converting Colors

Hex(25A55F)

Have a look what the booklet for  
Hex(25A55F) contains.

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# Color

Hex(25A55F)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 25A55F                       |
| RGB         | 37, 165, 95                  |
| RGB Percent | 15%, 65%, 37%                |
| CMY         | 0.8549, 0.3529, 0.6275       |
| CMYK        | 0.78, 0.00, 0.42, 0.35       |
| HSL         | 147°, 63%, 40%               |
| HSV         | 147°, 78%, 65%               |
| XYZ         | 16.2836, 28.1298, 15.3978    |
| YIQ         | 118.7480, -53.8180, -48.9060 |

# Conversions

## Conversions Part 2

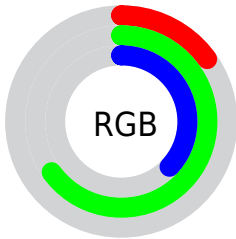
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 37, 125, 165                    |
| Decimal                             | 2467167                         |
| CIELab                              | 60.01, -49.91, 26.85            |
| CIELCh                              | 60, 56.674, 151.726             |
| Yxy                                 | 28.1298, 0.2723,<br>0.4703      |
| Android<br>(android.graphics.Color) | 4280657247<br>(0xFF25A55F)      |
| YUV                                 | 118.7480, -11.7078,<br>-71.6930 |
| Hunter-Lab                          | 53.0375, -38.0124,<br>19.9132   |

# Details

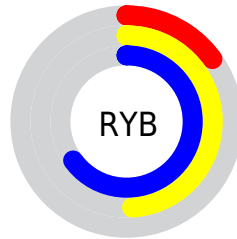
The Hex color **25A55F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A5256B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **67DD92**, and **00702F** is the 20% darker color. If you saturate the color by 10%, you get **15A556**, and if you desaturate by 10%, it is **35A568**.

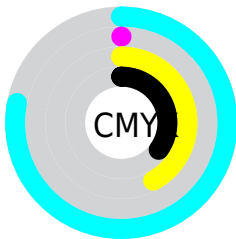
# Distribution



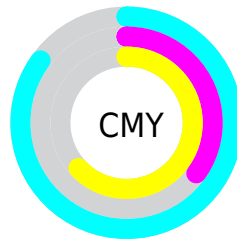
- Red (15%)
- Green (65%)
- Blue (37%)



- Red (15%)
- Yellow (49%)
- Blue (65%)



- Cyan (78%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25A55F 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 25A55F by changing the saturation by 10% instead.



 25A55F

 25A55F

FFFFFF

 008A47

 67DD92

 00702F

 84FAAD

 005619

 A1FFC9

 003E00

 BEFFE5

 002800

 DCFFFF

 000000

 FAFFFF

 25A55F

 25A55F

 15A556

 35A568

 04A54D

 46A571

 00A54B

 56A57A

 67A583

 77A58C

 88A595

 98A59E

 A9A5A7

 BAA5B0

# Harmonies

## Analogous

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



769D35



25A55F



00A992

# Triad

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



25A55F



0095F5



E8695F

# Complementary

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



25A55F



A5256B

# 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.



EA6290



25A55F



9582E6

# Square

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



25A55F



00A2E8



CF6DC1



D07C37

# Rectangle

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



25A55F



00A9B4



CF6DC1



EB656F



# Sweetspot

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



25A55F



A5D6BB



6BA525



4D6B5B



EBEBEB



6B6B6B



# Same Dimension

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



25A55F



0FD669



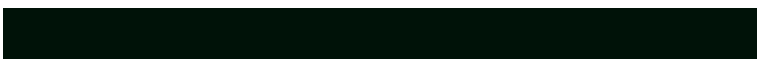
25A59F



49524D



009142



001208



# Inverse Universe

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



A5256B



D60F7C



A5252B



52494E



91004F



12000A



# Previews

## White Background



This preview shows how the Hex color 25A55F looks on a white background.

## Color Contrast Check

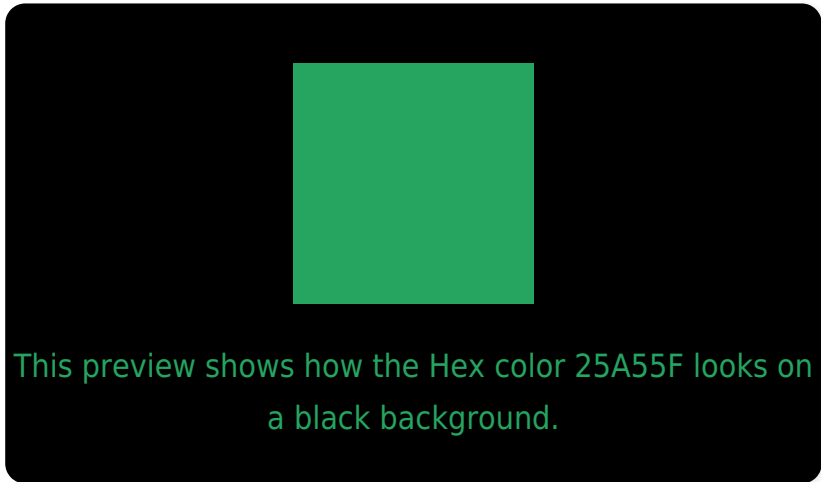
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25A55F Background



This preview shows how black text looks on a background with the Hex color 25A55F.



This preview shows how white text looks on a background with the Hex color 25A55F.

# 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](#).

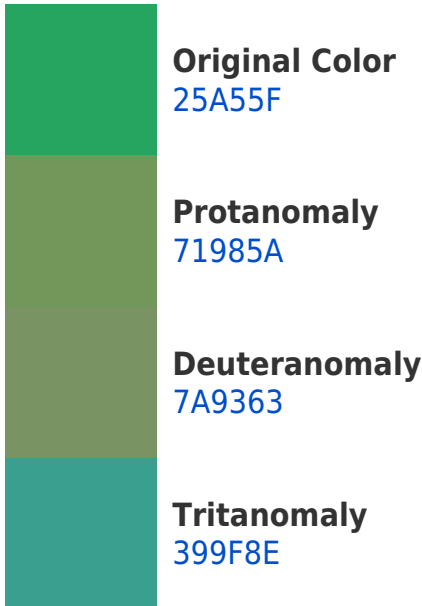
## Dichromacy





**Tritanopia**  
459CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25A55F 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 #25A55F looks like.

```
.text, #text, p{  
    color:#25A55F  
}
```

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 #25A55F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A55F
}
```

## Border

The CSS property to change the border of an element to Hex 25A55F 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
#25A55F }
```

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

```
.border{ border-color:#25A55F }
```

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

Here you see how a box with a 4 pixel #25A55F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A55F; -webkit-box-shadow:4px 4px  
4px 4px #25A55F; box-shadow:4px 4px 4px  
4px #25A55F }
```

# Background

The CSS property to change the background color of an element to Hex 25A55F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A55F }
```

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

```
.background{ background-color:#25A55F }
```

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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