

# Converting Colors

Hex(26A75F)

Have a look what the booklet for  
Hex(26A75F) contains.

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**Color**

**Hex(26A75F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26A75F
RGB	38, 167, 95
RGB Percent	15%, 65%, 37%
CMY	0.8510, 0.3451, 0.6275
CMYK	0.77, 0.00, 0.43, 0.35
HSL	147°, 63%, 40%
HSV	147°, 77%, 65%
XYZ	16.6836, 28.8757, 15.5207
YIQ	120.2210, -53.7720, -49.7400

# Conversions

## Conversions Part 2

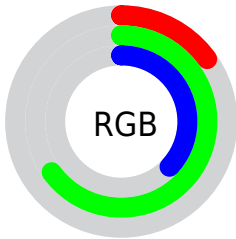
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 127, 167
Decimal	2533215
CIELab	60.67, -50.53, 27.72
CIElCh	61, 57.631, 151.253
Yxy	28.8757, 0.2731, 0.4728
Android (android.graphics.Color)	4280723295 (0xFF26A75F)
YUV	120.2210, -12.4340, -72.1078
Hunter-Lab	53.7361, -38.6189, 20.4904

# Details

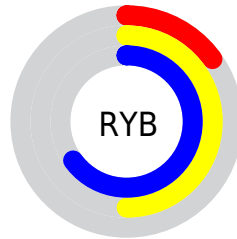
The Hex color **26A75F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A7266E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **68DF92**, and **00722F** is the 20% darker color. If you saturate the color by 10%, you get **15A756**, and if you desaturate by 10%, it is **37A768**.

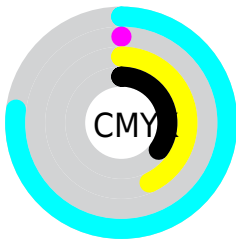
# Distribution



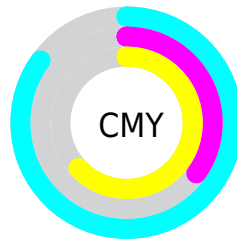
- Red (15%)
- Green (65%)
- Blue (37%)



- Red (15%)
- Yellow (50%)
- Blue (65%)



- Cyan (77%)
- Magenta (0%)
- Yellow (43%)
- Black (35%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 26A75F 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 26A75F by changing the saturation by 10% instead.



 26A75F

 26A75F

FFFFFF

 008C47

 68DF92

 00722F

 85FCAD

 005818

 A2FFC9

 003F00

 C0FFE5

 002A00

 DDFFFF

 000500

 FBFFFF

 000000

 26A75F

 26A75F

 15A756

 37A768

■ 05A74C

■ 47A772

■ 00A74A

■ 58A77B

■ 69A784

■ 79A78E

■ 8AA797

■ 9BA7A0

■ ACA7AA

■ BCA7B3

# Harmonies

## Analogous

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



789F34



26A75F



00AB93

# Triad

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



26A75F



0097F8



EB6A61

# Complementary

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



26A75F



A7266E

# 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.



ED6392



26A75F



9684EA

# Square

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



26A75F



00A4EB



D26EC4



D37D38

# Rectangle

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



26A75F



00ABB6



D26EC4



EF6670



# Sweetspot

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



26A75F



A7D9BD



6FA726



4F6E5D



EDEDED



6E6E6E



# Same Dimension

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



26A75F



0FD968



26A79E



4C544F



009441



001409



# Inverse Universe

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



A7266E



D90F80



A7262F



544C50



940053



14000B



# Previews

## White Background



This preview shows how the Hex color 26A75F looks on a white background.

## Color Contrast Check

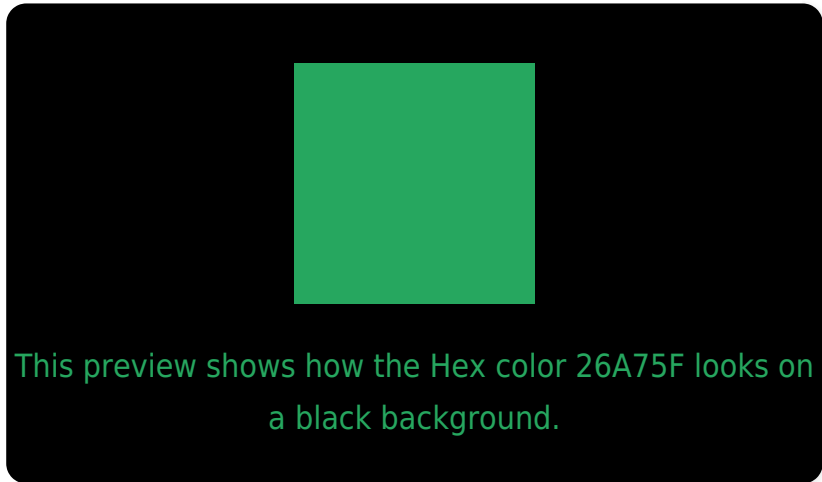
Large Text (above 18pt) WCAG AA ✓ Pass

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

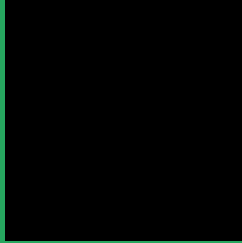
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 26A75F Background



This preview shows how black text looks on a background with the Hex color 26A75F.



This preview shows how white text looks on a background with the Hex color 26A75F.

# 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**  
26A75F

**Protanopia**  
9F9157

**Deuteranopia**  
AD8B66



**Tritanopia**  
479EAB

# Trichromacy



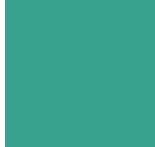
**Original Color**  
26A75F



**Protanomaly**  
73995A



**Deuteranomaly**  
7C9563



**Tritanomaly**  
3BA18F

# Monochromacy



**Original Color**  
26A75F



**Achromatopsia**  
787878



**Achromatomaly**  
5A896F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26A75F 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 #26A75F looks like.

```
.text, #text, p{  
    color:#26A75F  
}
```

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 #26A75F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26A75F
}
```

## Border

The CSS property to change the border of an element to Hex 26A75F 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
#26A75F }
```

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

```
.border{ border-color:#26A75F }
```

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

Here you see how a box with a 4 pixel #26A75F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26A75F; -webkit-box-shadow:4px 4px  
4px 4px #26A75F; box-shadow:4px 4px 4px  
4px #26A75F }
```

# Background

The CSS property to change the background color of an element to Hex 26A75F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26A75F }
```

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

```
.background{ background-color:#26A75F }
```

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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