

# Converting Colors

Hex(26A558)

Have a look what the booklet for  
Hex(26A558) contains.

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**Color**

**Hex(26A558)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	26A558
RGB	38, 165, 88
RGB Percent	15%, 65%, 35%
CMY	0.8510, 0.3529, 0.6549
CMYK	0.77, 0.00, 0.47, 0.35
HSL	144°, 63%, 40%
HSV	144°, 77%, 65%
XYZ	16.0159, 28.0269, 13.7981
YIQ	118.2490, -50.9750, -50.8710

# Conversions

## Conversions Part 2

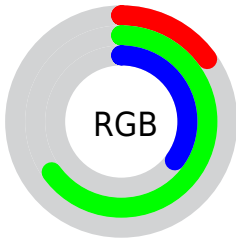
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 129, 165
Decimal	2532696
CIE <sub>Lab</sub>	59.91, -51.04, 30.43
CIE <sub>LCh</sub>	60, 59.423, 149.201
Yxy	28.0269, 0.2769, 0.4846
Android (android.graphics.Color)	4280722776 (0xFF26A558)
YUV	118.2490, -14.9128, -70.3784
Hunter-Lab	52.9405, -38.6447, 21.6053

# Details

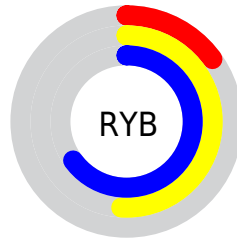
The Hex color **26A558** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A52673**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **67DD8B**, and **007028** is the 20% darker color. If you saturate the color by 10%, you get **16A54E**, and if you desaturate by 10%, it is **37A562**.

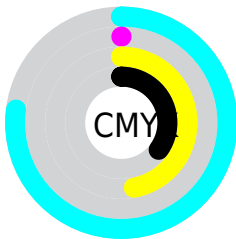
# Distribution



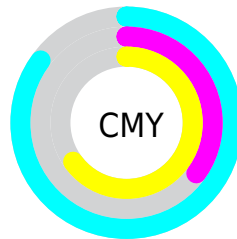
- Red (15%)
- Green (65%)
- Blue (35%)



- Red (15%)
- Yellow (51%)
- Blue (65%)



- Cyan (77%)
- Magenta (0%)
- Yellow (47%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26A558 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 26A558 by changing the saturation by 10% instead.



 26A558

 26A558

FFFFFF

 008A40

 67DD8B

 007028

 85FAA6

 005610

 A2FFC1

 003E00

 BFFFD

 002800

 DDFFA

 000000

 FBFFF

 26A558

 26A558

 16A54E

 37A562

■ 05A544

■ 47A56C

■ 00A541

■ 57A576

■ 68A580

■ 78A58A

■ 89A594

■ 9AA59E

■ AAA5A8

■ BBA5B2

# Harmonies

## Analogous

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



789C2C



26A558



00A98D

# Triad

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



26A558



0097F9



EC6560

# Complementary

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



26A558



A52673

# 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.



EC5E94



26A558



8E83EC

# Square

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



26A558



00A3EA



CE6CC7



D47935

# Rectangle

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



26A558



00A9B1



CE6CC7



EF6171



# Sweetspot

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



26A558



A5D6B8



74A526



4D6B59



EBEBEB



6B6B6B



# Same Dimension

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



26A558



11D65F



26A596



49524D



009139



001207



# Inverse Universe

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



A52673



D61189



A52635



52494E



910058



12000B



# Previews

## White Background



This preview shows how the Hex color 26A558 looks on a white background.

## Color Contrast Check

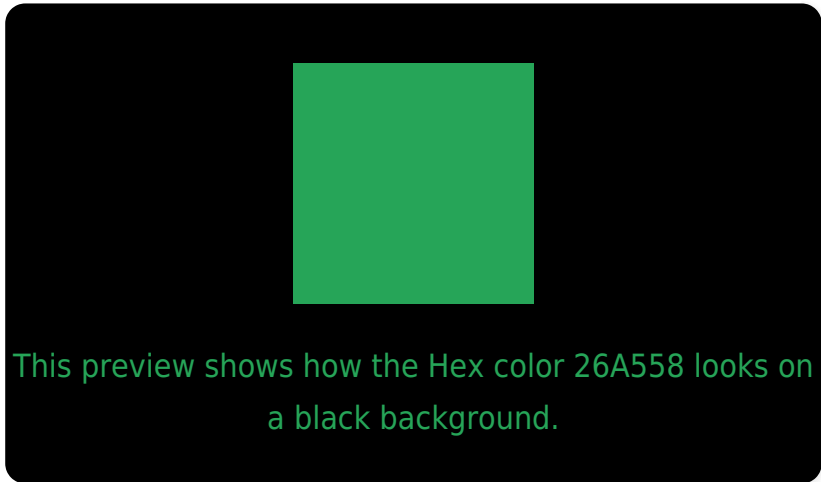
Large Text (above 18pt) WCAG AA ✓ Pass

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 26A558 Background



This preview shows how black text looks on a background with the Hex color 26A558.

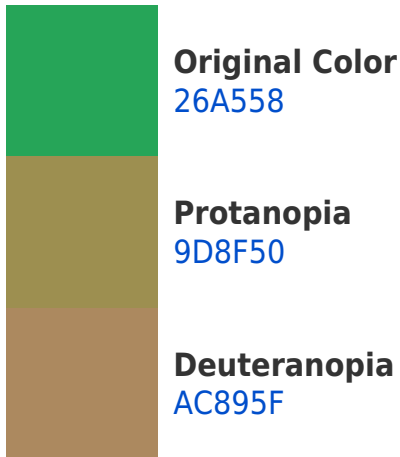


This preview shows how white text looks on a background with the Hex color 26A558.

# 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**  
479CA9

# Trichromacy



**Original Color**  
26A558



**Protanomaly**  
729753



**Deuteranomaly**  
7B935C



**Tritanomaly**  
3B9F8C

# Monochromacy



**Original Color**  
26A558



**Achromatopsia**  
767676



**Achromatomaly**  
59876B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26A558 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 #26A558 looks like.

```
.text, #text, p{  
    color:#26A558  
}
```

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 #26A558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26A558
}
```

## Border

The CSS property to change the border of an element to Hex 26A558 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
#26A558 }
```

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

```
.border{ border-color:#26A558 }
```

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

Here you see how a box with a 4 pixel #26A558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26A558; -webkit-box-shadow:4px 4px  
4px 4px #26A558; box-shadow:4px 4px 4px  
4px #26A558 }
```

# Background

The CSS property to change the background color of an element to Hex 26A558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26A558 }
```

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

```
.background{ background-color:#26A558 }
```

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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