

# Converting Colors

Hex(26E86F)

Have a look what the booklet for  
Hex(26E86F) contains.

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**Color**

**Hex(26E86F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26E86F
RGB	38, 232, 111
RGB Percent	15%, 91%, 44%
CMY	0.8510, 0.0902, 0.5647
CMYK	0.84, 0.00, 0.52, 0.09
HSL	143°, 81%, 53%
HSV	143°, 84%, 91%
XYZ	32.5252, 59.2730, 24.7655
YIQ	160.2000, -76.7830, -78.7590

# Conversions

## Conversions Part 2

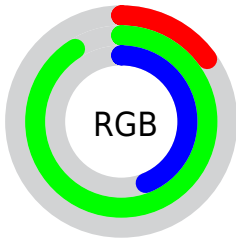
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 179, 232
Decimal	2549871
CIELab	81.44, -70.28, 45.92
CIELCh	81, 83.949, 146.840
Yxy	59.2730, 0.2790, 0.5085
Android (android.graphics.Color)	4280739951 (0xFF26E86F)
YUV	160.2000, -24.2556, -107.1694
Hunter-Lab	76.9890, -59.3206, 34.8201

# Details

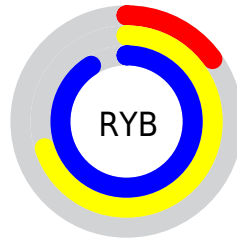
The Hex color **26E86F** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E8269F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **77FFA5**, and **00AF3B** is the 20% darker color. If you saturate the color by 10%, you get **0FE861**, and if you desaturate by 10%, it is **3DE87D**.

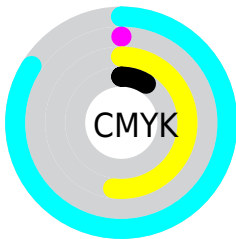
# Distribution



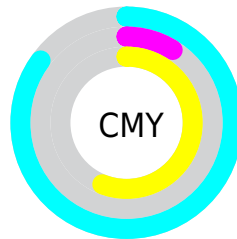
- Red (15%)
- Green (91%)
- Blue (44%)



- Red (15%)
- Yellow (70%)
- Blue (91%)



- Cyan (84%)
- Magenta (0%)
- Yellow (52%)
- Black (9%)



- Cyan (85%)
- Magenta (9%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26E86F 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 26E86F by changing the saturation by 10% instead.



 26E86F

 26E86F

FFFFFF

 00CB55

 77FFA5

 00AF3B

 98FFC1

 009320

 B8FFDD

 007800

 D7FFFA

 005E00

 F6FFFF

 004400

 002C00

 000A00

 000000

 26E86F

 26E86F

 0FE861

 3DE87D

 00E857

 54E88C

 6CE89A

 83E8A9

 9AE8B7

 B1E8C6

 C8E8D4

 E0E8E3

 F7E8F1

# Harmonies

## Analogous

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



ABDB25



26E86F



00EEBF

# Triad

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



26E86F



00D6FF



FF8488

# Complementary

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



26E86F



E8269F

# 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.



FF7BD6



26E86F



B8B9FF

# Square

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



26E86F



00E7FF



FF95FF



FFA443

# Rectangle

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



26E86F



00EFF6



FF95FF



FF7DA2

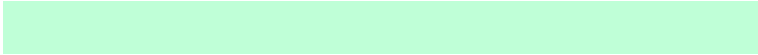


# Sweetspot

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



26E86F



BFFFD7



A1E826



598068



000000



808080



# Same Dimension

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



26E86F



00FF60



26E8CE



67736C



00B343



003313



# Inverse Universe

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



E8269F



FF009F



E82640



73676E



B3006F

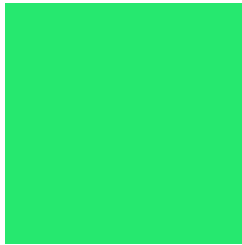


330020



# Previews

## White Background



This preview shows how the Hex color 26E86F 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



This preview shows how the Hex color 26E86F looks on a 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

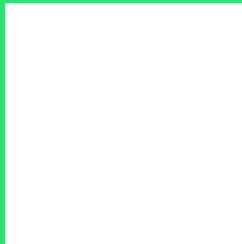
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26E86F Background



This preview shows how black text looks on a background with the Hex color 26E86F.

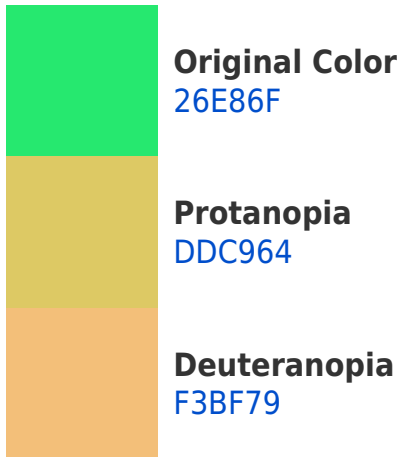


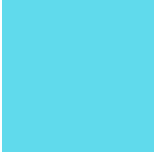
This preview shows how white text looks on a background with the Hex color 26E86F.

# 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**  
60DAEC

# Trichromacy



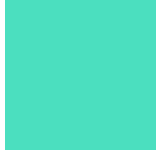
**Original Color**  
26E86F



**Protanomaly**  
9AD468



**Deuteranomaly**  
A8CE75

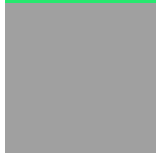


**Tritanomaly**  
4BDFBF

# Monochromacy



**Original Color**  
26E86F



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
74BA8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26E86F 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 #26E86F looks like.

```
.text, #text, p{  
    color:#26E86F  
}
```

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 #26E86F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26E86F
}
```

## Border

The CSS property to change the border of an element to Hex 26E86F 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
#26E86F }
```

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

```
.border{ border-color:#26E86F }
```

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

Here you see how a box with a 4 pixel #26E86F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26E86F; -webkit-box-shadow:4px 4px  
4px 4px #26E86F; box-shadow:4px 4px 4px  
4px #26E86F }
```

# Background

The CSS property to change the background color of an element to Hex 26E86F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26E86F }
```

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

```
.background{ background-color:#26E86F }
```

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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