

Converting Colors

Hex(26D12F)

Have a look what the booklet for
Hex(26D12F) contains.

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Color

Hex(26D12F)

Conversions

Conversions Part 1

Format	Color
Hex	26D12F
RGB	38, 209, 47
RGB Percent	15%, 82%, 18%
CMY	0.8510, 0.1804, 0.8157
CMYK	0.82, 0.00, 0.78, 0.18
HSL	123°, 69%, 48%
HSV	123°, 82%, 82%
XYZ	24.1129, 46.2182, 10.3395
YIQ	139.4030, -49.9140, -86.6340

Conversions

Conversions Part 2

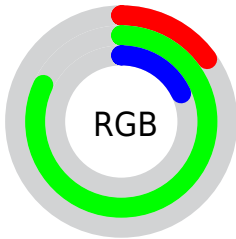
Format	Color
RYB	38, 200, 209
Decimal	2543919
CIELab	73.69, -70.06, 63.39
CIELCh	74, 94.478, 137.861
Yxy	46.2182, 0.2989, 0.5729
Android (android.graphics.Color)	4280733999 (0xFF26D12F)
YUV	139.4030, -45.5547, -88.9304
Hunter-Lab	67.9840, -55.6608, 38.5716

Details

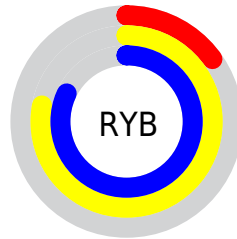
The Hex color **26D12F** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D126C8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **74FF69**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **11D11B**, and if you desaturate by 10%, it is **3BD143**.

Distribution



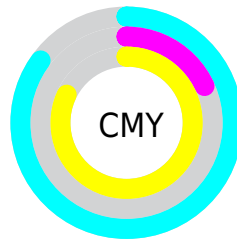
- Red (15%)
- Green (82%)
- Blue (18%)



- Red (15%)
- Yellow (78%)
- Blue (82%)



- Cyan (82%)
- Magenta (0%)
- Yellow (78%)
- Black (18%)



- Cyan (85%)
- Magenta (18%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26D12F 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 26D12F by changing the saturation by 10% instead.

 26D12F

 26D12F

FFFFFF

 00B503

 74FF69

 009900

 94FF85

 007E00

 B3FFA1

 006300

 D2FFBD

 004900

 F2FFDA

 003200

 FFFFF8

 001500

 000000

 26D12F

 26D12F

■ 11D11B

■ 3BD143

■ 00D10B

■ 50D157

■ 65D16A

■ 7AD17E

■ 8FD192

■ A3D1A6

■ B8D1BA

■ CDD1CD

■ E2D1E1

Harmonies

Analogous

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



A9C100



26D12F



00D98E

Triad

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



26D12F



00CAFF



FF5086

Complementary

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



26D12F



D126C8

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.



FF53DC



26D12F



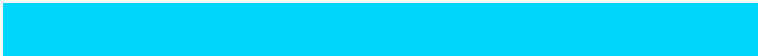
48AEFF

Square

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



26D12F



00D7FF



F782FF



FF7B32

Rectangle

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



26D12F



00DBCA



F782FF



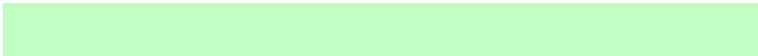
FF49A2

Sweetspot

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



26D12F



BFFFC3



C8D126



59805B



000000



808080

Same Dimension

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



26D12F



05FF12



26D184



5E695F



00A809



002902

Inverse Universe

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



D126C8



FF05F2



D12673



695E68



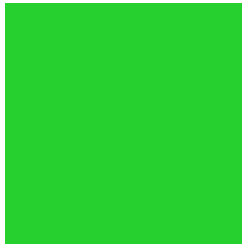
A8009F



290027

Previews

White Background



This preview shows how the Hex color 26D12F 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 26D12F 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 26D12F Background



This preview shows how black text looks on a background with the Hex color 26D12F.



This preview shows how white text looks on a background with the Hex color 26D12F.

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](#).

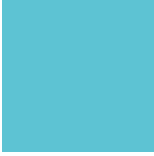
Dichromacy



Original Color
26D12F

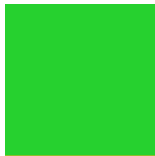
Protanopia
CAB428

Deuteranopia
E0AA40



Tritanopia
5DC3D3

Trichromacy



Original Color
26D12F



Protanomaly
8EBF2B

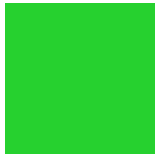


Deuteranomaly
9CB83A



Tritanomaly
49C897

Monochromacy



Original Color
26D12F



Achromatopsia
8B8B8B



Achromatomaly
66A46A

CSS Examples

Text

The CSS property to change the color of the text to Hex 26D12F 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 #26D12F looks like.

```
.text, #text, p{  
    color:#26D12F  
}
```

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 #26D12F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26D12F
}
```

Border

The CSS property to change the border of an element to Hex 26D12F 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
#26D12F }
```

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

```
.border{ border-color:#26D12F }
```

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

Here you see how a box with a 4 pixel #26D12F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26D12F; -webkit-box-shadow:4px 4px  
4px 4px #26D12F; box-shadow:4px 4px 4px  
4px #26D12F }
```

Background

The CSS property to change the background color of an element to Hex 26D12F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26D12F }
```

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

```
.background{ background-color:#26D12F }
```

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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