

Converting Colors

Hex(26A12B)

Have a look what the booklet for
Hex(26A12B) contains.

Hex(26A12B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(26A12B)

Conversions

Conversions Part 1

Format	Color
Hex	26A12B
RGB	38, 161, 43
RGB Percent	15%, 63%, 17%
CMY	0.8510, 0.3686, 0.8314
CMYK	0.76, 0.00, 0.73, 0.37
HSL	122°, 62%, 39%
HSV	122°, 76%, 63%
XYZ	13.9802, 26.0762, 6.5819
YIQ	110.7710, -35.4300, -62.7740

Conversions

Conversions Part 2

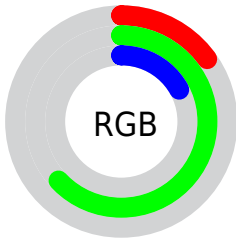
Format	Color
R_{YB}	38, 156, 161
Decimal	2531627
CIE _{Lab}	58.11, -55.50, 49.28
CIE _{LCh}	58, 74.225, 138.397
Yxy	26.0762, 0.2998, 0.5591
Android (android.graphics.Color)	4280721707 (0xFF26A12B)
YUV	110.7710, -33.4111, -63.8202
Hunter-Lab	51.0649, -40.4949, 28.1034

Details

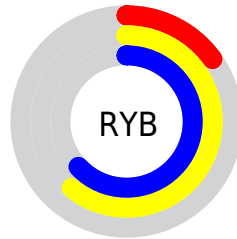
The Hex color **26A12B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A1269C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **68D960**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **16A11C**, and if you desaturate by 10%, it is **36A13A**.

Distribution



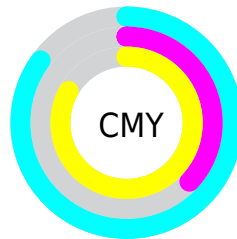
- Red (15%)
- Green (63%)
- Blue (17%)



- Red (15%)
- Yellow (61%)
- Blue (63%)



- Cyan (76%)
- Magenta (0%)
- Yellow (73%)
- Black (37%)



- Cyan (85%)
- Magenta (37%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26A12B 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 26A12B by changing the saturation by 10% instead.

 26A12B

 26A12B

FFFFFF

 00860A

 68D960

 006C00

 86F67A

 005200

 A3FF95

 003A00

 C0FFB1

 002300

 DEFFCD

 000000

 FCFFEA

 26A12B

 26A12B

 16A11C

 36A13A

06A10C

46A14A

00A107

56A159

66A169

76A178

87A188

97A197

A7A1A7

B7A1B6

Harmonies

Analogous

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



839500



26A12B



00A76F

Triad

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



26A12B



009BFF



FD4567

Complementary

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



26A12B



A1269C

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.



F246A8



26A12B



4785FF

Square

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



26A12B



00A5EC



BF66E3



E86229

Rectangle

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



26A12B



00A99D



BF66E3



FD407C

Sweetspot

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



26A12B



A1D1A3



9DA126



4B694C



E8E8E8



696969

Same Dimension

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



26A12B



11D119



26A168



49524A



009106



001201

Inverse Universe

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



A1269C



D111C9



A1265F



524951



91008B



120011

Previews

White Background



This preview shows how the Hex color 26A12B looks on a white background.

Color Contrast Check

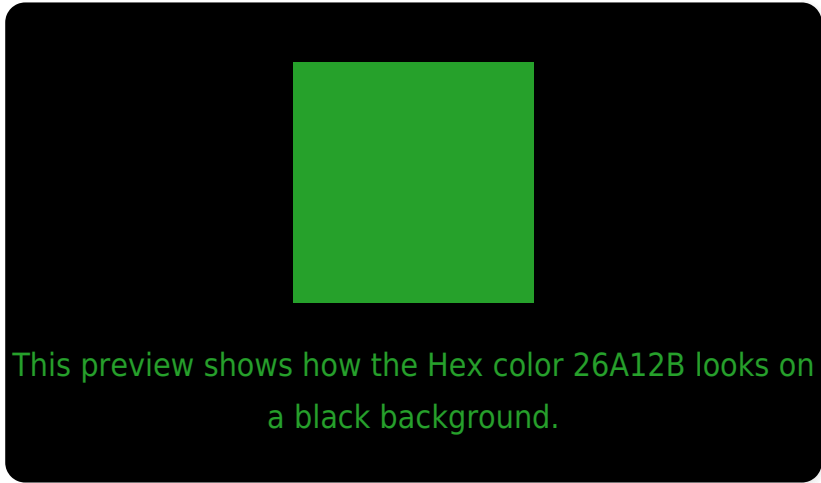
Large Text (above 18pt) WCAG AA ✓ Pass

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 26A12B Background



This preview shows how black text looks on a background with the Hex color 26A12B.



This preview shows how white text looks on a background with the Hex color 26A12B.

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
26A12B

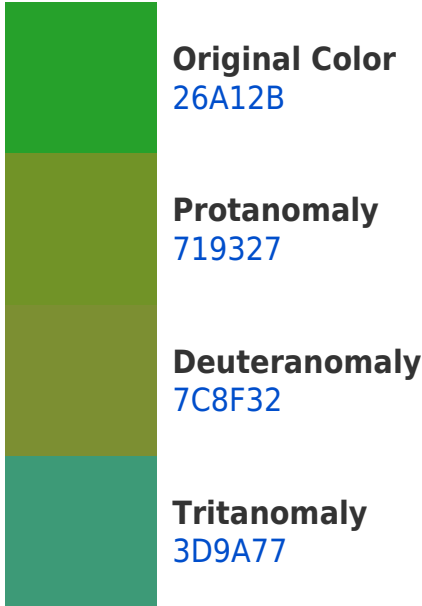
Protanopia
9C8B25

Deuteranopia
AD8436

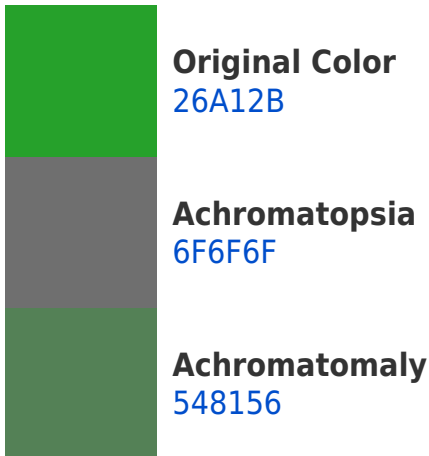


Tritanopia
4A96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 26A12B 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 #26A12B looks like.

```
.text, #text, p{  
    color:#26A12B  
}
```

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 #26A12B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26A12B
}
```

Border

The CSS property to change the border of an element to Hex 26A12B 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
#26A12B }
```

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

```
.border{ border-color:#26A12B }
```

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

Here you see how a box with a 4 pixel #26A12B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26A12B; -webkit-box-shadow:4px 4px  
4px 4px #26A12B; box-shadow:4px 4px 4px  
4px #26A12B }
```

Background

The CSS property to change the background color of an element to Hex 26A12B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26A12B }
```

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

```
.background{ background-color:#26A12B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor