

Converting Colors

Hex(26682B)

Have a look what the booklet for
Hex(26682B) contains.

Hex(26682B)	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(26682B)

Conversions

Conversions Part 1

Format	Color
Hex	26682B
RGB	38, 104, 43
RGB Percent	15%, 41%, 17%
CMY	0.8510, 0.5922, 0.8314
CMYK	0.63, 0.00, 0.59, 0.59
HSL	125°, 46%, 28%
HSV	125°, 63%, 41%
XYZ	6.1857, 10.4871, 3.9837
YIQ	77.3120, -19.7550, -32.9630

Conversions

Conversions Part 2

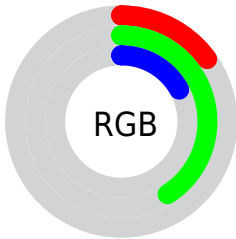
Format	Color
RYB	38, 99, 104
Decimal	2517035
CIELab	38.70, -34.67, 27.92
CIELCh	39, 44.514, 141.155
Yxy	10.4871, 0.2995, 0.5077
Android (android.graphics.Color)	4280707115 (0xFF26682B)
YUV	77.3120, -16.9158, -34.4766
Hunter-Lab	32.3838, -22.5761, 15.3751

Details

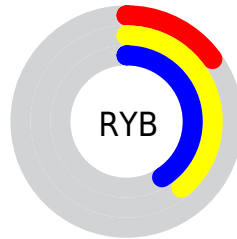
The Hex color **26682B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **682663**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5B9C5A**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **1C6821**, and if you desaturate by 10%, it is **306835**.

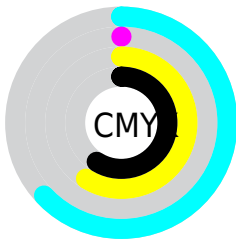
Distribution



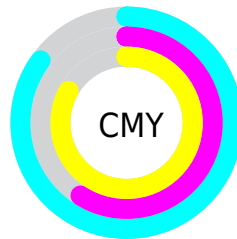
- Red (15%)
- Green (41%)
- Blue (17%)



- Red (15%)
- Yellow (39%)
- Blue (41%)



- Cyan (63%)
- Magenta (0%)
- Yellow (59%)
- Black (59%)



- Cyan (85%)
- Magenta (59%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26682B 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 26682B by changing the saturation by 10% instead.



26682B



26682B

FFFFFF



044F14



5B9C5A



003800



75B773



002400



90D38D



000000



ACEFA8



C8FFC3



E4FFE0



FFFFFFC



26682B



26682B

■ 1C6821

■ 306835

■ 116818

■ 3B683E

■ 07680E

■ 456848

■ 006808

■ 506851

■ 5A685B

■ 646865

■ 6F686E

■ 796878

■ 846882

Harmonies

Analogous

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



55610E



26682B



006C4F

Triad

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



26682B



0062A3



9C3A43

Complementary

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



26682B



682663

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.



973967



26682B



47569F

Square

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



26682B



006993



7C4689



8F4723

Rectangle

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



26682B



006C68



7C4689



9C384F

Sweetspot

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



26682B



6D876F



646826



354536



C4C4C4



454545

Same Dimension

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



26682B



208728



26684B



2E332E



007309



00F212

Inverse Universe

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



682663



87207F



682643



332E33



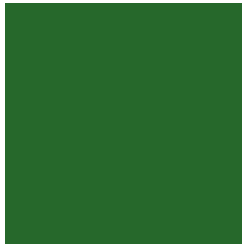
73006A



F200E0

Previews

White Background



This preview shows how the Hex color 26682B looks on a white background.

Color Contrast Check

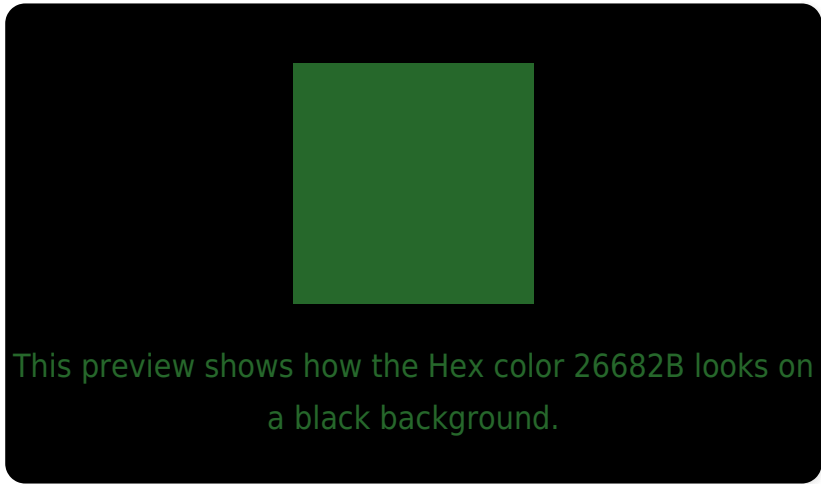
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 26682B Background



This preview shows how black text looks on a background with the Hex color 26682B.



This preview shows how white text looks on a background with the Hex color 26682B.

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
26682B

Protanopia
655B27

Deuteranopia
6F5630



Tritanopia
366269

Trichromacy



Original Color
26682B

Protanomaly
4E6028

Deuteranomaly
545D2E

Tritanomaly
306452

Monochromacy



Original Color
26682B

Achromatopsia
4D4D4D

Achromatomaly
3F5741

CSS Examples

Text

The CSS property to change the color of the text to Hex 26682B 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 #26682B looks like.

```
.text, #text, p{  
    color:#26682B  
}
```

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 #26682B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26682B
}
```

Border

The CSS property to change the border of an element to Hex 26682B 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
#26682B }
```

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

```
.border{ border-color:#26682B }
```

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

Here you see how a box with a 4 pixel #26682B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26682B; -webkit-box-shadow:4px 4px  
4px 4px #26682B; box-shadow:4px 4px 4px  
4px #26682B }
```

Background

The CSS property to change the background color of an element to Hex 26682B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26682B }
```

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

```
.background{ background-color:#26682B }
```

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