

Converting Colors

Hex(277326)

Have a look what the booklet for
Hex(277326) contains.

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Color

Hex(277326)

Conversions

Conversions Part 1

Format	Color
Hex	277326
RGB	39, 115, 38
RGB Percent	15%, 45%, 15%
CMY	0.8471, 0.5490, 0.8510
CMYK	0.66, 0.00, 0.67, 0.55
HSL	119°, 50%, 30%
HSV	119°, 67%, 45%
XYZ	7.3173, 12.8327, 3.9250
YIQ	83.4980, -20.5790, -40.0590

Conversions

Conversions Part 2

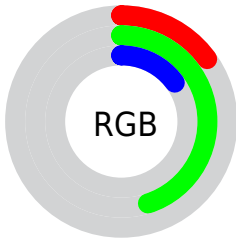
Format	Color
RYB	38, 115, 114
Decimal	2585382
CIELab	42.51, -39.50, 34.81
CIElCh	43, 52.648, 138.607
Yxy	12.8327, 0.3039, 0.5330
Android (android.graphics.Color)	4280775462 (0xFF277326)
YUV	83.4980, -22.4305, -39.0247
Hunter-Lab	35.8228, -26.2289, 18.5797

Details

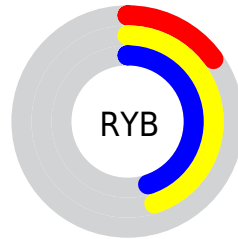
The Hex color **277326** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **722673**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5EA857**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **1C731B**, and if you desaturate by 10%, it is **327331**.

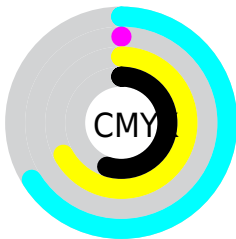
Distribution



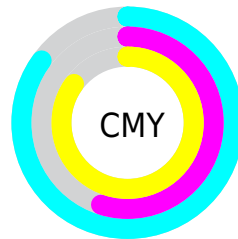
- Red (15%)
- Green (45%)
- Blue (15%)



- Red (15%)
- Yellow (45%)
- Blue (45%)



- Cyan (66%)
- Magenta (0%)
- Yellow (67%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 277326 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 277326 by changing the saturation by 10% instead.

 277326

 277326

FFFFFF

 005A0D

 5EA857

 004200

 79C370

 002B00

 95E08A

 001000

 B1FCA5

 000000

 CDFFC0

 EAFFDC

 FFFFF9

 277326

 277326

■ 1C731B

■ 327331

■ 10730F

■ 3E733D

■ 057303

■ 497349

■ 017300

■ 547354

■ 607360

■ 6B736B

■ 767377

■ 827382

■ 8D738E

Harmonies

Analogous

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



5F6A00



277326



007752

Triad

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



277326



006EBA



B1394B

Complementary

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



277326



722673

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.



AA3A77



277326



3F60B7

Square

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



277326



0076A5



884C9E



A44A23

Rectangle

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



277326



007870



884C9E



B1375A

Sweetspot

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



277326



799678



737226



3A4D3A



CCCCCC



4D4D4D

Same Dimension

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



277326



20961E



26734B



353B35



027A00



03FA00

Inverse Universe

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



722673



951E96



73264E



3B353B



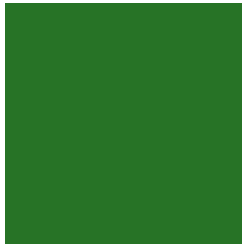
79007A



F700FA

Previews

White Background



This preview shows how the Hex color 277326 looks on a white background.

Color Contrast Check

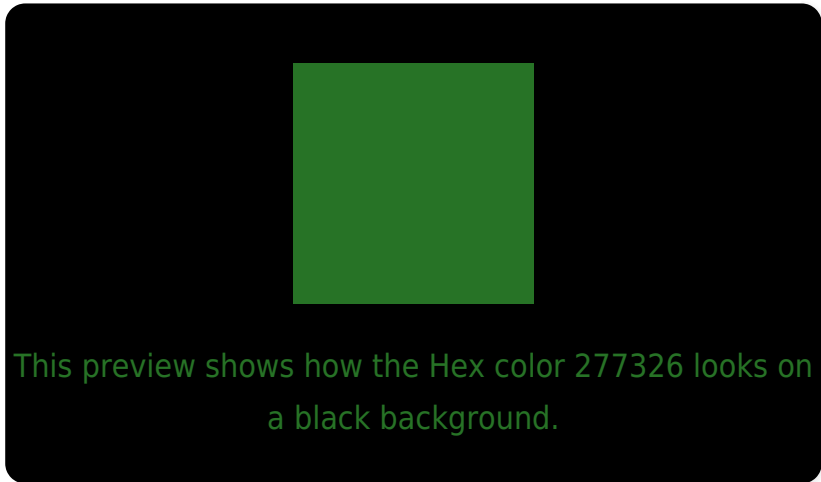
Large Text (above 18pt) WCAG AA ✓ Pass

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 277326 Background



This preview shows how black text looks on a background with the Hex color 277326.



This preview shows how white text looks on a background with the Hex color 277326.

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
277326

Protanopia
706422

Deuteranopia
7C5F2D



Tritanopia
3B6C74

Trichromacy



Original Color
277326

Protanomaly
556923

Deuteranomaly
5D662A

Tritanomaly
346F58

Monochromacy



Original Color
277326

Achromatopsia
535353

Achromatomaly
435F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 277326 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 #277326 looks like.

```
.text, #text, p{  
    color:#277326  
}
```

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 #277326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #277326
}
```

Border

The CSS property to change the border of an element to Hex 277326 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".

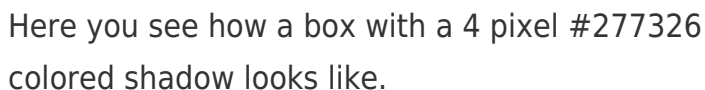
```
.border, #border, table{ border:4px solid
#277326 }
```

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

```
.border{ border-color:#277326 }
```

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

Here you see how a box with a 4 pixel #277326 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #277326; -webkit-box-shadow:4px 4px  
4px 4px #277326; box-shadow:4px 4px 4px  
4px #277326 }
```

Background

The CSS property to change the background color of an element to Hex 277326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#277326 }
```

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

```
.background{ background-color:#277326 }
```

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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