

Converting Colors

Hex(227526)

Have a look what the booklet for
Hex(227526) contains.

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Color

Hex(227526)

Conversions

Conversions Part 1

Format	Color
Hex	227526
RGB	34, 117, 38
RGB Percent	13%, 46%, 15%
CMY	0.8667, 0.5412, 0.8510
CMYK	0.71, 0.00, 0.68, 0.54
HSL	123°, 55%, 30%
HSV	123°, 71%, 46%
XYZ	7.3708, 13.2026, 3.9936
YIQ	83.1770, -24.1090, -42.1650

Conversions

Conversions Part 2

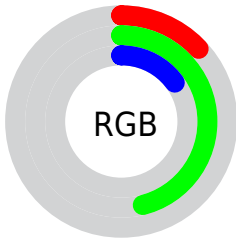
Format	Color
RYB	34, 113, 117
Decimal	2258214
CIELab	43.07, -41.38, 35.39
CIELCh	43, 54.448, 139.461
Yxy	13.2026, 0.3000, 0.5374
Android (android.graphics.Color)	4280448294 (0xFF227526)
YUV	83.1770, -22.2723, -43.1282
Hunter-Lab	36.3354, -27.3772, 18.9182

Details

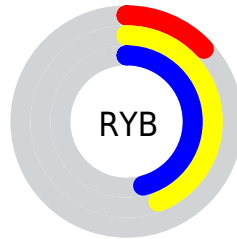
The Hex color **227526** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **752271**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5BAA57**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **16751B**, and if you desaturate by 10%, it is **2E7531**.

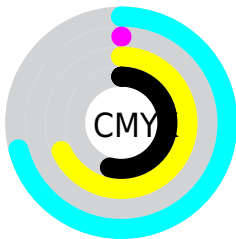
Distribution



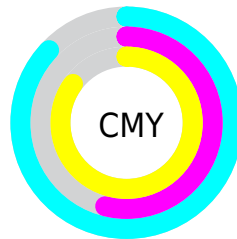
- Red (13%)
- Green (46%)
- Blue (15%)



- Red (13%)
- Yellow (44%)
- Blue (46%)



- Cyan (71%)
- Magenta (0%)
- Yellow (68%)
- Black (54%)



- Cyan (87%)
- Magenta (54%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227526 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 227526 by changing the saturation by 10% instead.

 227526

 227526

FFFFFF

 005C0C

 5BAA57

 004300

 76C670

 002D00

 92E28A

 001300

 AEFFA5

 000000

 CAFFC0

 E7FFDD

 FFFFF9

 227526

 227526

■ 16751B

■ 2E7531

■ 0B7510

■ 39753C

■ 007506

■ 457547

■ 517553

■ 5D755E

■ 687569

■ 747574

■ 80757F

■ 8B758A

Harmonies

Analogous

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



5F6C00



227526



007954

Triad

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



227526



0070BF



B5384B

Complementary

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



227526



752271

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.



AE3878



227526



4161BB

Square

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



227526



0078AA



8C4BA1



A64A21

Rectangle

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



227526



007A73



8C4BA1



B53659

Sweetspot

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



227526



79997A



727522



394D3A



CCCCCC



4D4D4D

Same Dimension

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



227526



17991D



22754E



353B35



007A06



00FA0C

Inverse Universe

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



752271



991793



752249



3B353A



7A0075



FA00EE

Previews

White Background



This preview shows how the Hex color 227526 looks on a white background.

Color Contrast Check

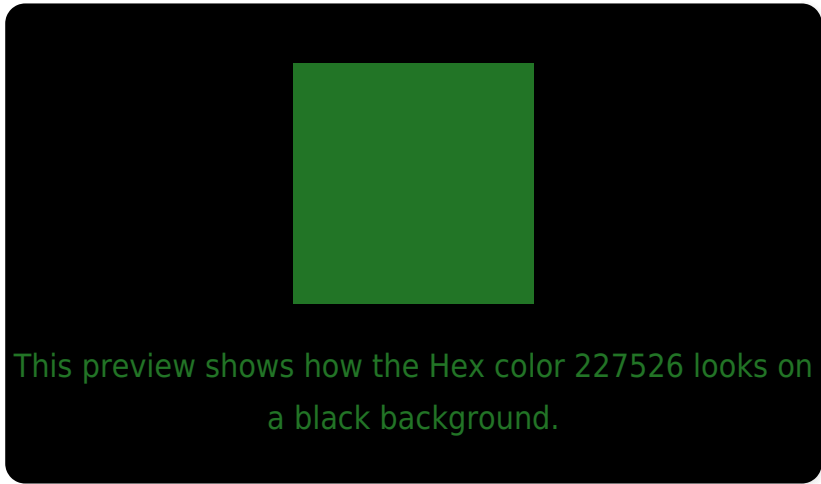
Large Text (above 18pt) WCAG AA ✓ Pass

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

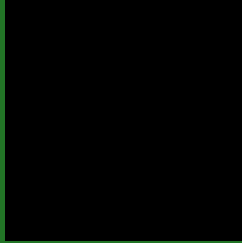
Any Text WCAG AA × Fail

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 227526 Background



This preview shows how black text looks on a background with the Hex color 227526.



This preview shows how white text looks on a background with the Hex color 227526.

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
227526

Protanopia
716522

Deuteranopia
7D602D



Tritanopia
396D76

Trichromacy



Original Color
227526

Protanomaly
546B23

Deuteranomaly
5C682A

Tritanomaly
317059

Monochromacy



Original Color
227526

Achromatopsia
535353

Achromatomaly
415F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 227526 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 #227526 looks like.

```
.text, #text, p{  
    color:#227526  
}
```

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 #227526 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227526
}
```

Border

The CSS property to change the border of an element to Hex 227526 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
#227526 }
```

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

```
.border{ border-color:#227526 }
```

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

Here you see how a box with a 4 pixel #227526 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227526; -webkit-box-shadow:4px 4px  
4px 4px #227526; box-shadow:4px 4px 4px  
4px #227526 }
```

Background

The CSS property to change the background color of an element to Hex 227526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227526 }
```

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

```
.background{ background-color:#227526 }
```

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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