

# Converting Colors

Hex(247526)

Have a look what the booklet for  
Hex(247526) contains.

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# Color

Hex(247526)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	247526
RGB	36, 117, 38
RGB Percent	14%, 46%, 15%
CMY	0.8588, 0.5412, 0.8510
CMYK	0.69, 0.00, 0.68, 0.54
HSL	121°, 53%, 30%
HSV	121°, 69%, 46%
XYZ	7.4387, 13.2376, 3.9968
YIQ	83.7750, -22.9170, -41.7410

# Conversions

## Conversions Part 2

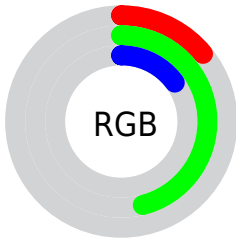
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 115, 117
Decimal	2389286
CIELab	43.12, -40.95, 35.46
CIELCh	43, 54.171, 139.109
Yxy	13.2376, 0.3015, 0.5365
Android (android.graphics.Color)	4280579366 (0xFF247526)
YUV	83.7750, -22.5671, -41.8987
Hunter-Lab	36.3835, -27.1764, 18.9554

# Details

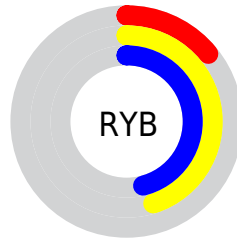
The Hex color **247526** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **752473**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5DAA57**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **18751B**, and if you desaturate by 10%, it is **307531**.

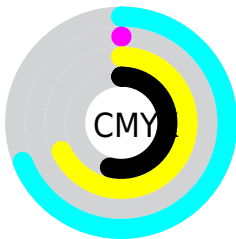
# Distribution



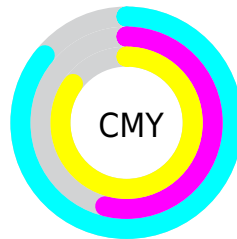
- Red (14%)
- Green (46%)
- Blue (15%)



- Red (14%)
- Yellow (45%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (68%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 247526 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 247526 by changing the saturation by 10% instead.



 247526

 247526

FFFFFF

 005C0C

 5DAA57

 004300

 78C670

 002D00

 93E28A

 001300

 AFFFA5

 000000

 CCFFC0

 E9FFDD

 FFFFF9

 247526

 247526

 18751B

 307531

 0D750F

 3B753D

 017504

 477548

 007503

 537554

 5F755F

 6A756A

 767576

 827581

 8D758D

# Harmonies

## Analogous

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



606C00



247526



007953

# Triad

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



247526



0070BE



B5394B

# Complementary

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



247526



752473

# 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.



AE3978



247526



4061BB

# Square

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



247526



0078A9



8B4CA1



A64A22

# Rectangle

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



247526



007A73



8B4CA1



B5365A



# Sweetspot

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



247526



79997A



747524



394D3A



CCCCCC



4D4D4D



# Same Dimension

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



247526



1A991D



24754E



353B35



007A03



00FA06



# Inverse Universe

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



752473



991A96



75244B



3B353B



7A0077

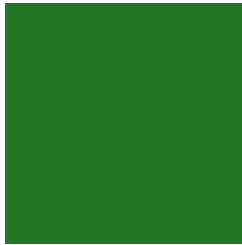


FA00F4



# Previews

## White Background



This preview shows how the Hex color 247526 looks on a white background.

## Color Contrast Check

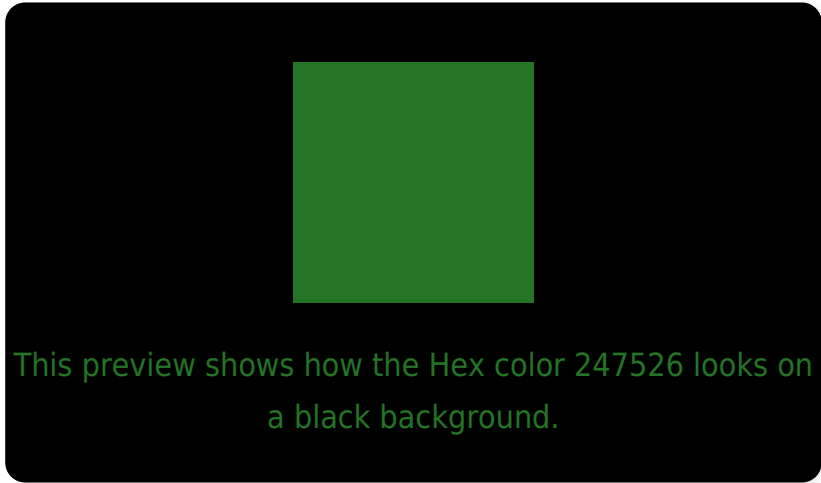
Large Text (above 18pt) WCAG AA ✓ Pass

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

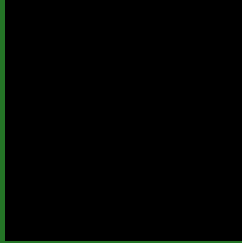
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 247526 Background



This preview shows how black text looks on a background with the Hex color 247526.




This preview shows how white text looks on a background with the Hex color 247526.

# 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





**Tritanopia**  
3A6D76

# Trichromacy



**Original Color**  
247526

**Protanomaly**  
556B23

**Deuteranomaly**  
5D682A

**Tritanomaly**  
327059

# Monochromacy



**Original Color**  
247526

**Achromatopsia**  
545454

**Achromatomaly**  
436043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 247526 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 #247526 looks like.

```
.text, #text, p{  
    color:#247526  
}
```

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 #247526 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247526
}
```

## Border

The CSS property to change the border of an element to Hex 247526 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".

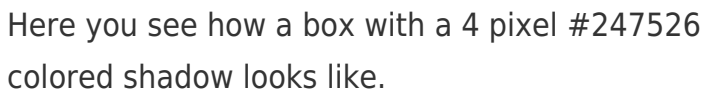
```
.border, #border, table{ border:4px solid
#247526 }
```

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

```
.border{ border-color:#247526 }
```

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

Here you see how a box with a 4 pixel #247526 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247526; -webkit-box-shadow:4px 4px  
4px 4px #247526; box-shadow:4px 4px 4px  
4px #247526 }
```

# Background

The CSS property to change the background color of an element to Hex 247526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247526 }
```

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

```
.background{ background-color:#247526 }
```

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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