

Converting Colors

Hex(167326)

Have a look what the booklet for
Hex(167326) contains.

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Color

Hex(167326)

Conversions

Conversions Part 1

Format	Color
Hex	167326
RGB	22, 115, 38
RGB Percent	9%, 45%, 15%
CMY	0.9137, 0.5490, 0.8510
CMYK	0.81, 0.00, 0.67, 0.55
HSL	130°, 68%, 27%
HSV	130°, 81%, 45%
XYZ	6.8115, 12.5720, 3.9014
YIQ	78.4150, -30.7110, -43.6630

Conversions

Conversions Part 2

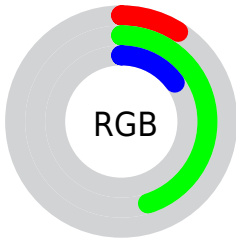
Format	Color
R_YB	22, 101, 115
Decimal	1471270
CIE Lab	42.11, -42.79, 34.26
CIE LCh	42, 54.817, 141.323
Yxy	12.5720, 0.2925, 0.5399
Android (android.graphics.Color)	4279661350 (0xFF167326)
YUV	78.4150, -19.9246, -49.4760
Hunter-Lab	35.4570, -27.7590, 18.2962

Details

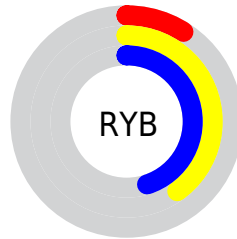
The Hex color **167326** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **731663**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **53A856**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **0A731C**, and if you desaturate by 10%, it is **217330**.

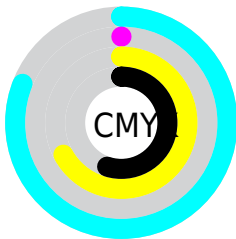
Distribution



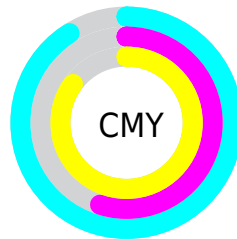
- Red (9%)
- Green (45%)
- Blue (15%)



- Red (9%)
- Yellow (40%)
- Blue (45%)



- Cyan (81%)
- Magenta (0%)
- Yellow (67%)
- Black (55%)



- Cyan (91%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 167326 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 167326 by changing the saturation by 10% instead.

 167326

 167326

FFFFFF

 005A0D

 53A856

 004100

 6FC470

 002B00

 8BE08A

 000E00

 A7FDA4

 000000

 C3FFC0

 E0FFDC

 F0FFF9

 167326

 167326

■ 0A731C

■ 217330

■ 007314

■ 2D7339

■ 397343

■ 44734C

■ 507356

■ 5B735F

■ 677369

■ 727372

■ 7E737C

Harmonies

Analogous

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



596B00



167326



007754

Triad

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



167326



006DBD



B23645

Complementary

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



167326



731663

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.



AD3473



167326



455DB8

Square

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



167326



0075A9



8C479C



A2491C

Rectangle

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



167326



007874



8C479C



B33254

Sweetspot

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



167326



729679



637316



364D3A



CCCCCC



4D4D4D

Same Dimension

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



167326



05961E



167354



353B36



007A15



00FA2B

Inverse Universe

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



731663



96057D



731635



3B353A



7A0065



FA00CF

Previews

White Background



This preview shows how the Hex color 167326 looks on a white background.

Color Contrast Check

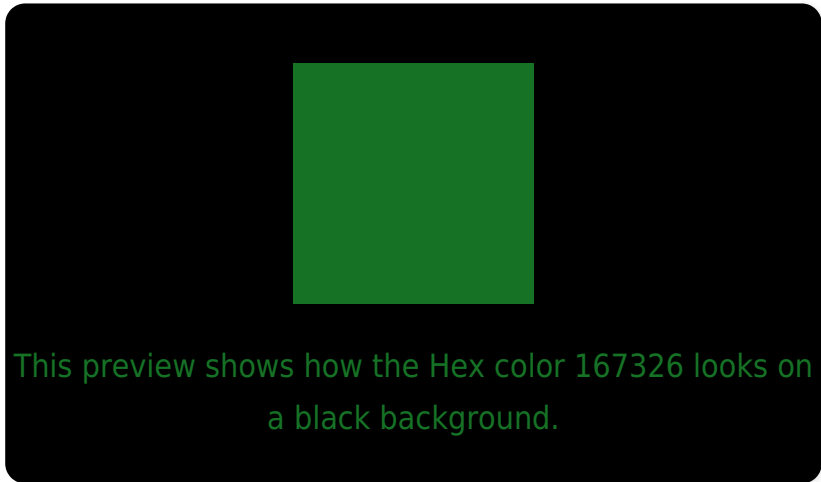
Large Text (above 18pt) WCAG AA ✓ Pass

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

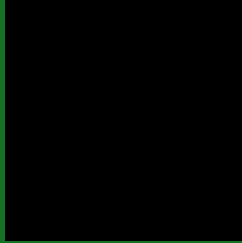
Any Text WCAG AA × Fail

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 167326 Background



This preview shows how black text looks on a background with the Hex color 167326.



This preview shows how white text looks on a background with the Hex color 167326.

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
167326

Protanopia
6F6322

Deuteranopia
7A5E2D



Tritanopia
326C74

Trichromacy



Original Color
167326



Protanomaly
4F6923



Deuteranomaly
56662A



Tritanomaly
286F58

Monochromacy



Original Color
167326



Achromatopsia
4E4E4E



Achromatomaly
3A5B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 167326 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 #167326 looks like.

```
.text, #text, p{  
    color:#167326  
}
```

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 #167326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167326
}
```

Border

The CSS property to change the border of an element to Hex 167326 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
#167326 }
```

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

```
.border{ border-color:#167326 }
```

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

Here you see how a box with a 4 pixel #167326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167326; -webkit-box-shadow:4px 4px  
4px 4px #167326; box-shadow:4px 4px 4px  
4px #167326 }
```

Background

The CSS property to change the background color of an element to Hex 167326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167326 }
```

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

```
.background{ background-color:#167326 }
```

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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