

# Converting Colors

Hex(125026)

Have a look what the booklet for  
Hex(125026) contains.

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# Color

**Hex(125026)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	125026
RGB	18, 80, 38
RGB Percent	7%, 31%, 15%
CMY	0.9294, 0.6863, 0.8510
CMYK	0.78, 0.00, 0.52, 0.69
HSL	139°, 63%, 19%
HSV	139°, 78%, 31%
XYZ	3.4680, 6.0059, 2.8102
YIQ	56.6740, -23.4700, -26.2060

# Conversions

## Conversions Part 2

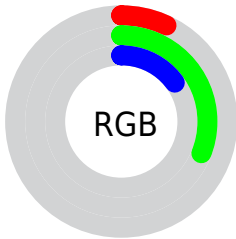
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 65, 80
Decimal	1200166
CIE Lab	29.43, -29.97, 19.22
CIE LCh	29, 35.602, 147.330
Yxy	6.0059, 0.2823, 0.4889
Android (android.graphics.Color)	4279390246 (0xFF125026)
YUV	56.6740, -9.2063, -33.9171
Hunter-Lab	24.5069, -17.6275, 10.3560

# Details

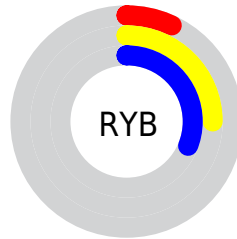
The Hex color **125026** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50123C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **478254**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **0A5021**, and if you desaturate by 10%, it is **1A502B**.

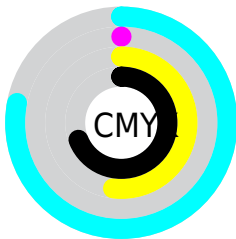
# Distribution



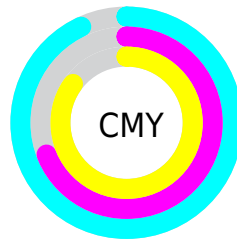
- Red (7%)
- Green (31%)
- Blue (15%)



- Red (7%)
- Yellow (25%)
- Blue (31%)



- Cyan (78%)
- Magenta (0%)
- Yellow (52%)
- Black (69%)



- Cyan (93%)
- Magenta (69%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 125026 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 125026 by changing the saturation by 10% instead.



 125026

 125026

FFFFFF

 003911

 478254

 002400

 619C6C

 000000

 7BB786

 95D3A0

 B1F0BB

 CDFFD7

 EAFFF3

 125026

 125026

■ 0A5021

■ 1A502B

■ 02501B

■ 225031

■ 00501A

■ 2A5036

■ 32503C

■ 3A5041

■ 425047

■ 4A504C

■ 525051

■ 5A5057

# Harmonies

## Analogous

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



3B4B0F



125026



005242

# Triad

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



125026



00497D



762E2E

# Complementary

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



125026



50123C

# 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.



752B49



125026



413F77

# Square

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



125026



005073



643364



6A3816

# Rectangle

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



125026



005255



643364



772C37



# Sweetspot

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



125026



516958



3C5012



27362B



B5B5B5



363636



# Same Dimension

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



125026



076927



125045



252926



006922



00E84B



# Inverse Universe

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



50123C



690749



50121D



292527



690047

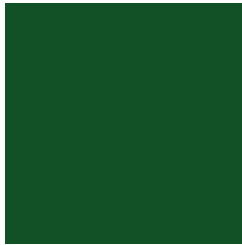


E8009D



# Previews

## White Background



This preview shows how the Hex color 125026 looks on a white background.

## Color Contrast Check

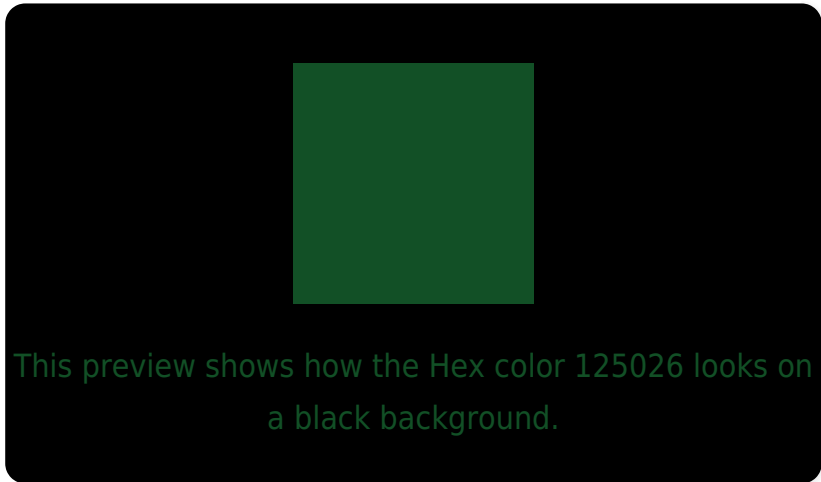
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

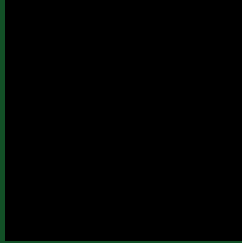
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 125026 Background



This preview shows how black text looks on a background with the Hex color 125026.



This preview shows how white text looks on a background with the Hex color 125026.

# 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**  
125026

**Protanopia**  
4D4522

**Deuteranopia**  
54422A



**Tritanopia**  
234B51

# Trichromacy



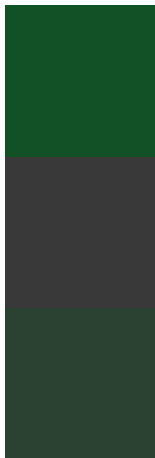
**Original Color**  
125026

**Protanomaly**  
384923

**Deuteranomaly**  
3C4729

**Tritanomaly**  
1D4D41

# Monochromacy



**Original Color**  
125026

**Achromatopsia**  
393939

**Achromatomaly**  
2B4132

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 125026 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 #125026 looks like.

```
.text, #text, p{  
    color:#125026  
}
```

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 #125026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125026
}
```

## Border

The CSS property to change the border of an element to Hex 125026 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
#125026 }
```

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

```
.border{ border-color:#125026 }
```

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

Here you see how a box with a 4 pixel #125026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125026; -webkit-box-shadow:4px 4px  
4px 4px #125026; box-shadow:4px 4px 4px  
4px #125026 }
```

# Background

The CSS property to change the background color of an element to Hex 125026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125026 }
```

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

```
.background{ background-color:#125026 }
```

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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