

# Converting Colors

Hex(125F26)

Have a look what the booklet for  
Hex(125F26) contains.

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# Color

Hex(125F26)

# Conversions

## Conversions Part 1

Format	Color
Hex	125F26
RGB	18, 95, 38
RGB Percent	7%, 37%, 15%
CMY	0.9294, 0.6275, 0.8510
CMYK	0.81, 0.00, 0.60, 0.63
HSL	136°, 68%, 22%
HSV	136°, 81%, 37%
XYZ	4.6915, 8.4530, 3.2180
YIQ	65.4790, -27.5950, -34.0510

# Conversions

## Conversions Part 2

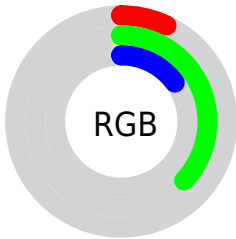
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 79, 95
Decimal	1204006
CIELab	34.91, -36.02, 25.94
CIELCh	35, 44.390, 144.244
Yxy	8.4530, 0.2867, 0.5166
Android (android.graphics.Color)	4279394086 (0xFF125F26)
YUV	65.4790, -13.5471, -41.6391
Hunter-Lab	29.0740, -22.0758, 13.7893

# Details

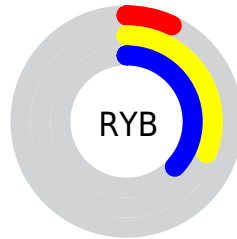
The Hex color **125F26** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5F124B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4B9255**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **085F1F**, and if you desaturate by 10%, it is **1C5F2D**.

# Distribution



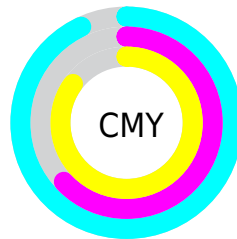
- Red (7%)
- Green (37%)
- Blue (15%)



- Red (7%)
- Yellow (31%)
- Blue (37%)



- Cyan (81%)
- Magenta (0%)
- Yellow (60%)
- Black (63%)



- Cyan (93%)
- Magenta (63%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 125F26 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 125F26 by changing the saturation by 10% instead.



 125F26

 125F26

FFFFFF

 004710

 4B9255

 002F00

 66AD6D

 001A00

 81C987

 000000

 9CE5A2

 B8FFBD

 D4FFD9

 F1FFF5

 125F26

 125F26

■ 085F1F

■ 1C5F2D

■ 005F19

■ 255F34

■ 2F5F3B

■ 385F42

■ 425F49

■ 4B5F50

■ 555F57

■ 5E5F5E

■ 685F65

# Harmonies

## Analogous

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



475905



125F26



00624A

# Triad

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



125F26



005899



903137

# Complementary

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



125F26



5F124B

# 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.



8D2F5A



125F26



444C93

# Square

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



125F26



00608B



763B7C



824018

# Rectangle

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



125F26



006362



763B7C



912F43



# Sweetspot

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



125F26



5D7A65



4C5F12



2B3D30



BDBDBD



3D3D3D



# Same Dimension

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



125F26



047A23



125F4C



2C302D



00701D



00F03E



# Inverse Universe

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



5F124B



7A045C



5F1225



302C2F



700053

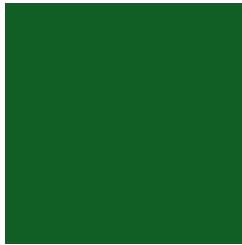


F000B1



# Previews

## White Background



This preview shows how the Hex color 125F26 looks on a white background.

## Color Contrast Check

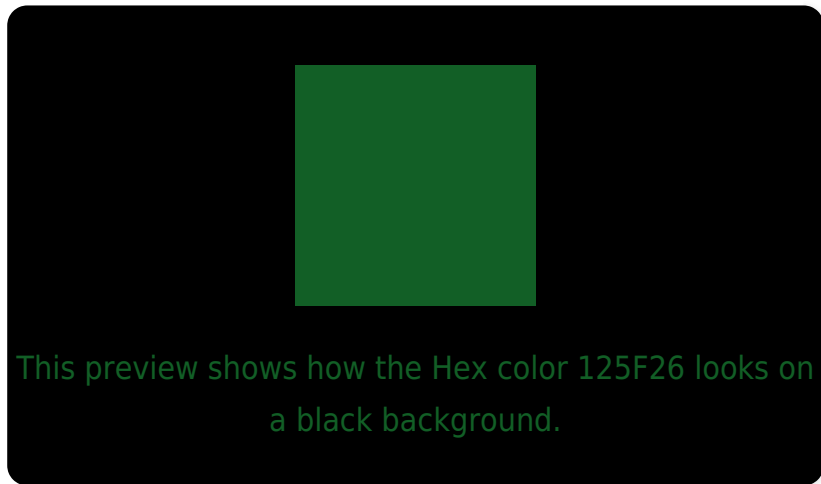
Large Text (above 18pt) WCAG AA ✓ Pass

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

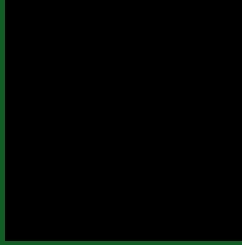
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 125F26 Background



This preview shows how black text looks on a background with the Hex color 125F26.



This preview shows how white text looks on a background with the Hex color 125F26.

# 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**  
125F26

**Protanopia**  
5B5222

**Deuteranopia**  
644E2B



**Tritanopia**  
295960

# Trichromacy



**Original Color**  
125F26



**Protanomaly**  
405723



**Deuteranomaly**  
465429

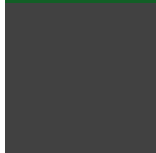


**Tritanomaly**  
215B4B

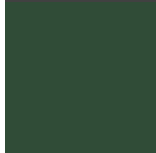
# Monochromacy



**Original Color**  
125F26



**Achromatopsia**  
414141



**Achromatomaly**  
304C37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 125F26 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 #125F26 looks like.

```
.text, #text, p{  
    color:#125F26  
}
```

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 #125F26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125F26
}
```

## Border

The CSS property to change the border of an element to Hex 125F26 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
#125F26 }
```

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

```
.border{ border-color:#125F26 }
```

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

Here you see how a box with a 4 pixel #125F26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125F26; -webkit-box-shadow:4px 4px  
4px 4px #125F26; box-shadow:4px 4px 4px  
4px #125F26 }
```

# Background

The CSS property to change the background color of an element to Hex 125F26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125F26 }
```

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

```
.background{ background-color:#125F26 }
```

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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