

# Converting Colors

Hex(367B26)

Have a look what the booklet for  
Hex(367B26) contains.

<b>Hex(367B26)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(367B26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	367B26
RGB	54, 123, 38
RGB Percent	21%, 48%, 15%
CMY	0.7882, 0.5176, 0.8510
CMYK	0.56, 0.00, 0.69, 0.52
HSL	109°, 53%, 32%
HSV	109°, 69%, 48%
XYZ	8.9541, 15.0901, 4.2745
YIQ	92.6790, -13.8390, -41.0630

# Conversions

## Conversions Part 2

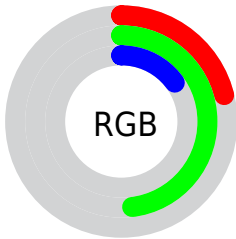
Format	Color
<b>RYB</b>	38, 123, 107
Decimal	3570470
CIELab	45.76, -38.69, 38.51
CIELCh	46, 54.583, 135.135
Yxy	15.0901, 0.3162, 0.5329
Android (android.graphics.Color)	4281760550 (0xFF367B26)
YUV	92.6790, -26.9567, -33.9215
Hunter-Lab	38.8460, -26.8357, 20.6682

# Details

The Hex color **367B26** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6B267B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6CB057**, and **004900** is the 20% darker color. If you saturate the color by 10%, you get **2C7B1A**, and if you desaturate by 10%, it is **407B32**.

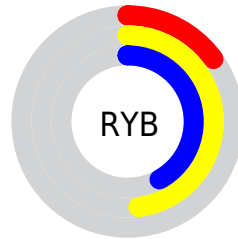
# Distribution



Red (21%)

Green (48%)

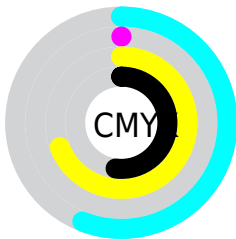
Blue (15%)



Red (15%)

Yellow (48%)

Blue (42%)

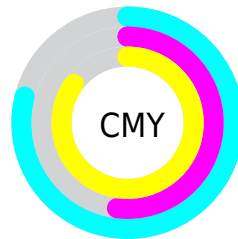


Cyan (56%)

Magenta (0%)

Yellow (69%)

Black (52%)



Cyan (79%)

Magenta (52%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 367B26 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 367B26 by changing the saturation by 10% instead.



 367B26

 367B26

FFFFFF

 18620B

 6CB057

 004900

 87CC71

 003200

 A3E88B

 001D00

 BFFFA6

 000000

 DBFFC2

 F9FFDE

 FFFFFB

 367B26

 367B26

■ 2C7B1A

■ 407B32

■ 227B0D

■ 4A7B3F

■ 187B01

■ 547B4B

■ 177B00

■ 5E7B57

■ 687B63

■ 727B70

■ 7C7B7C

■ 867B88

■ 907B95

# Harmonies

## Analogous

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



6D7100



367B26



008053

# Triad

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



367B26



0078C5



BE3E57

# Complementary

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



367B26



6B267B

# 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.



B34285



367B26



376AC5

# Square

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



367B26



007FAC



8B55AD



B24E2D

# Rectangle

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



367B26



008173



8B55AD



BD3D66



# Sweetspot

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



367B26



85A17F



7B6A26



41523D



D1D1D1



525252



# Same Dimension

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



367B26



34A11B



267B40



383D37



187D00



30FC00



# Inverse Universe

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



6B267B



881BA1



7B2662



3C373D



65007D



CD00FC



# Previews

## White Background



This preview shows how the Hex color 367B26 looks on a white background.

## Color Contrast Check

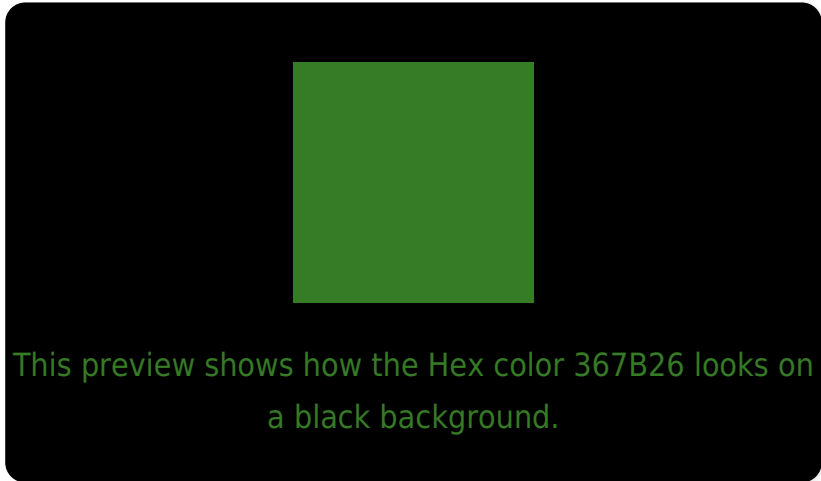
Large Text (above 18pt) WCAG AA ✓ Pass

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

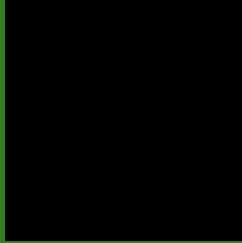
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 367B26 Background



This preview shows how black text looks on a background with the Hex color 367B26.



This preview shows how white text looks on a background with the Hex color 367B26.

# 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**  
367B26

**Protanopia**  
796C22

**Deuteranopia**  
86662D



**Tritanopia**  
47737C

# Trichromacy



**Original Color**  
367B26

**Protanomaly**  
617123

**Deuteranomaly**  
696E2A

**Tritanomaly**  
41765D

# Monochromacy



**Original Color**  
367B26

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
4F6849

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 367B26 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 #367B26 looks like.

```
.text, #text, p{  
    color:#367B26  
}
```

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 #367B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #367B26
}
```

## Border

The CSS property to change the border of an element to Hex 367B26 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
#367B26 }
```

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

```
.border{ border-color:#367B26 }
```

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

Here you see how a box with a 4 pixel #367B26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #367B26; -webkit-box-shadow:4px 4px  
4px 4px #367B26; box-shadow:4px 4px 4px  
4px #367B26 }
```

# Background

The CSS property to change the background color of an element to Hex 367B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#367B26 }
```

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

```
.background{ background-color:#367B26 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor