

# Converting Colors

Hex(467326)

Have a look what the booklet for  
Hex(467326) contains.

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**Color**

**Hex(467326)**

# Conversions

## Conversions Part 1

Format	Color
Hex	467326
RGB	70, 115, 38
RGB Percent	27%, 45%, 15%
CMY	0.7255, 0.5490, 0.8510
CMYK	0.39, 0.00, 0.67, 0.55
HSL	95°, 50%, 30%
HSV	95°, 67%, 45%
XYZ	9.0064, 13.7035, 4.0041
YIQ	92.7670, -2.1030, -33.4870

# Conversions

## Conversions Part 2

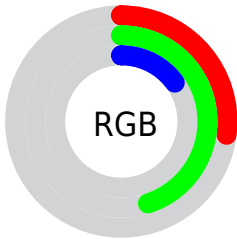
Format	Color
R <sub>Y</sub> B	38, 115, 83
Decimal	4616998
CIE Lab	43.80, -29.83, 36.60
CIE LCh	44, 47.218, 129.177
Yxy	13.7035, 0.3371, 0.5130
Android (android.graphics.Color)	4282807078 (0xFF467326)
YUV	92.7670, -27.0001, -19.9667
Hunter-Lab	37.0182, -21.3537, 19.4997

# Details

The Hex color **467326** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **532673**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7AA757**, and **134200** is the 20% darker color. If you saturate the color by 10%, you get **3F731B**, and if you desaturate by 10%, it is **4D7331**.

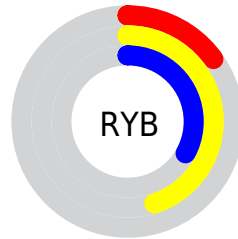
# Distribution



Red (27%)

Green (45%)

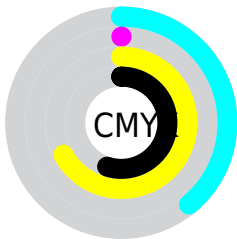
Blue (15%)



Red (15%)

Yellow (45%)

Blue (33%)

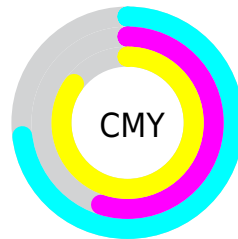


Cyan (39%)

Magenta (0%)

Yellow (67%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 467326 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 467326 by changing the saturation by 10% instead.



 467326

 467326

FFFFFF

 2D5A0C

 7AA757

 134200

 94C370

 002C00

 B0DF8A

 001600

 CCFBA5

 000000

 E9FFC1

 FFFFDD

 FFFFFA

 467326

 467326

■ 3F731B

■ 4D7331

■ 39730F

■ 53733D

■ 327303

■ 5A7349

■ 307300

■ 617354

■ 687360

■ 6E736B

■ 757377

■ 7C7382

■ 82738E

# Harmonies

## Analogous

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



70690F



467326



00784A

# Triad

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



467326



0073B1



AE425D

# Complementary

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



467326



532673

# 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.



A04884



467326



2968B5

# Square

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



467326



007998



7958A5



A84C38

# Rectangle

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



467326



007A65



7958A5



AC426A



# Sweetspot

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



467326



859678



735326



424D3A



CCCCCC



4D4D4D



# Same Dimension

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



467326



50961E



26732C



373B35



337A00



68FA00



# Inverse Universe

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



532673



641E96



73266D



38353B



48007A



9200FA



# Previews

## White Background



This preview shows how the Hex color 467326 looks on a white background.

## Color Contrast Check

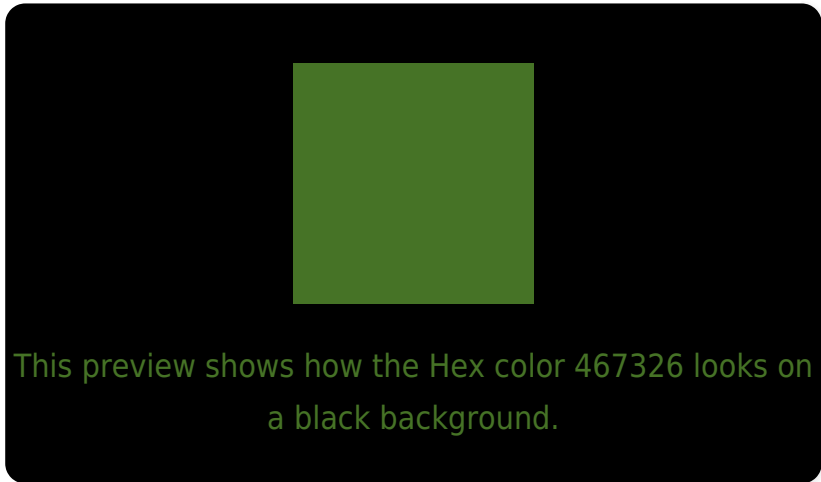
Large Text (above 18pt) WCAG AA ✓ Pass

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

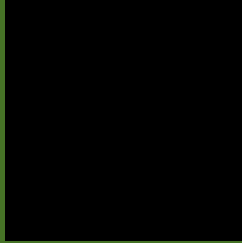
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 467326 Background



This preview shows how black text looks on a background with the Hex color 467326.



This preview shows how white text looks on a background with the Hex color 467326.

# 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**  
467326

**Protanopia**  
736723

**Deuteranopia**  
80622C



**Tritanopia**  
526C74

# Trichromacy



**Original Color**  
467326

**Protanomaly**  
636B24

**Deuteranomaly**  
6B682A

**Tritanomaly**  
4E6F58

# Monochromacy



**Original Color**  
467326

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
556549

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 467326 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 #467326 looks like.

```
.text, #text, p{  
    color:#467326  
}
```

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 #467326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467326
}
```

## Border

The CSS property to change the border of an element to Hex 467326 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
#467326 }
```

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

```
.border{ border-color:#467326 }
```

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

Here you see how a box with a 4 pixel #467326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467326; -webkit-box-shadow:4px 4px  
4px 4px #467326; box-shadow:4px 4px 4px  
4px #467326 }
```

# Background

The CSS property to change the background color of an element to Hex 467326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467326 }
```

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

```
.background{ background-color:#467326 }
```

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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