

# Converting Colors

Hex(286606)

Have a look what the booklet for  
Hex(286606) contains.

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**Color**

**Hex(286606)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	286606
RGB	40, 102, 6
RGB Percent	16%, 40%, 2%
CMY	0.8431, 0.6000, 0.9765
CMYK	0.61, 0.00, 0.94, 0.60
HSL	99°, 89%, 21%
HSV	99°, 94%, 40%
XYZ	5.6593, 9.9670, 1.7978
YIQ	72.5180, -6.1360, -43.0000

# Conversions

## Conversions Part 2

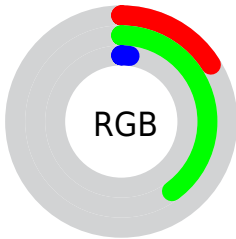
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 102, 68
Decimal	2647558
CIELab	37.78, -36.58, 41.80
CIELCh	38, 55.546, 131.189
Yxy	9.9670, 0.3248, 0.5720
Android (android.graphics.Color)	4280837638 (0xFF286606)
YUV	72.5180, -32.7934, -28.5183
Hunter-Lab	31.5706, -23.2507, 18.7230

# Details

The Hex color **286606** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **440666**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5E9A3D**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **246600**, and if you desaturate by 10%, it is **2F6610**.

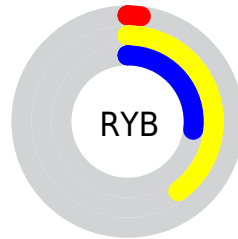
# Distribution



Red (16%)

Green (40%)

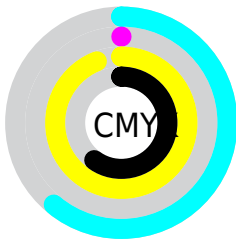
Blue (2%)



Red (2%)

Yellow (40%)

Blue (27%)

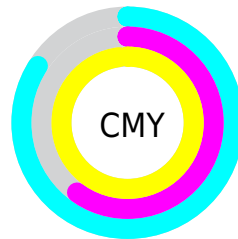


Cyan (61%)

Magenta (0%)

Yellow (94%)

Black (60%)



Cyan (84%)

Magenta (60%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 286606 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 286606 by changing the saturation by 10% instead.



 286606

 286606

 FFFFFA

 074D00

 5E9A3D

 003600

 79B556

 002200

 94D170

 000000

 B0ED8A

 CCFFA5

 E9FFC1

 FFFFDD

 286606

 286606

■ 246600

■ 2F6610

■ 35661A

■ 3C6625

■ 42662F

■ 496639

■ 506643

■ 56664D

■ 5D6658

■ 636662

# Harmonies

## Analogous

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



5D5C00



286606



006B3A

# Triad

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



286606



0066AE



A7234A

# Complementary

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



286606



440666

# 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.



9A2C77



286606



0059B2

# Square

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



286606



006C93



6F449D



9E361F

# Rectangle

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



286606



006C59



6F449D



A62359



# Sweetspot

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



286606



6D855F



664306



34422C



C2C2C2



424242



# Same Dimension

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



286606



2F8500



066613



30332E



297300



56F200



# Inverse Universe

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



440666



560085



660659



312E33



4A0073

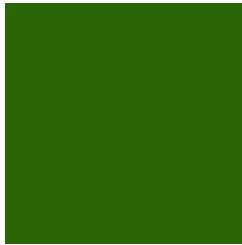


9C00F2



# Previews

## White Background



This preview shows how the Hex color 286606 looks on a white background.

## Color Contrast Check

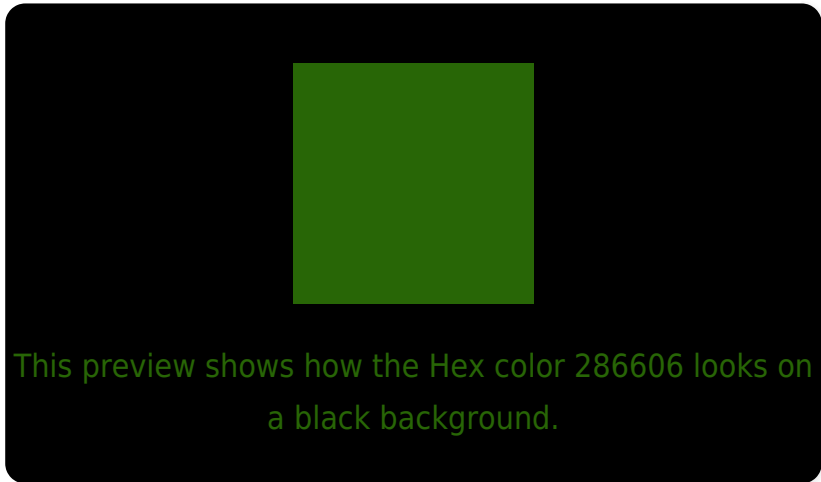
Large Text (above 18pt) WCAG AA ✓ Pass

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

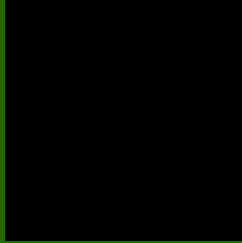
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 286606 Background



This preview shows how black text looks on a background with the Hex color 286606.



This preview shows how white text looks on a background with the Hex color 286606.

# 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**  
286606

**Protanopia**  
645900

**Deuteranopia**  
705416



**Tritanopia**  
395F66

# Trichromacy



**Original Color**  
286606

**Protanomaly**  
4E5E02

**Deuteranomaly**  
565B10

**Tritanomaly**  
336243

# Monochromacy



**Original Color**  
286606

**Achromatopsia**  
494949

**Achromatomaly**  
3D5431

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 286606 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 #286606 looks like.

```
.text, #text, p{  
    color:#286606  
}
```

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 #286606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286606
}
```

## Border

The CSS property to change the border of an element to Hex 286606 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
#286606 }
```

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

```
.border{ border-color:#286606 }
```

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

Here you see how a box with a 4 pixel #286606 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286606; -webkit-box-shadow:4px 4px  
4px 4px #286606; box-shadow:4px 4px 4px  
4px #286606 }
```

# Background

The CSS property to change the background color of an element to Hex 286606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286606 }
```

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

```
.background{ background-color:#286606 }
```

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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