

# Converting Colors

Hex(296126)

Have a look what the booklet for  
Hex(296126) contains.

<b>Hex(296126)</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(296126)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	296126
RGB	41, 97, 38
RGB Percent	16%, 38%, 15%
CMY	0.8392, 0.6196, 0.8510
CMYK	0.58, 0.00, 0.61, 0.62
HSL	117°, 44%, 26%
HSV	117°, 61%, 38%
XYZ	5.5390, 9.1607, 3.3100
YIQ	73.5300, -14.4370, -30.2210

# Conversions

## Conversions Part 2

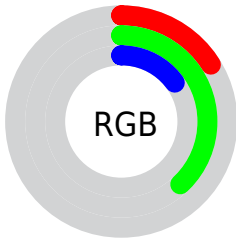
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 97, 94
Decimal	2711846
CIE <sub>Lab</sub>	36.29, -31.55, 27.74
CIE <sub>LCh</sub>	36, 42.007, 138.674
Yxy	9.1607, 0.3076, 0.5087
Android (android.graphics.Color)	4280901926 (0xFF296126)
YUV	73.5300, -17.5163, -28.5288
Hunter-Lab	30.2667, -20.3002, 14.7027

# Details

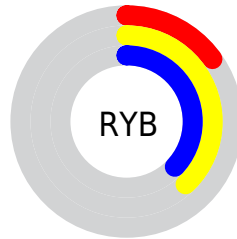
The Hex color **296126** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E2661**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5C9455**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **20611C**, and if you desaturate by 10%, it is **326130**.

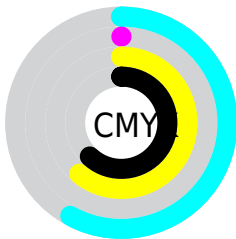
# Distribution



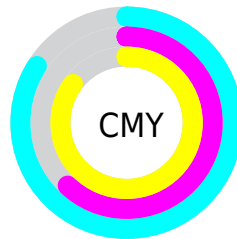
- Red (16%)
- Green (38%)
- Blue (15%)



- Red (15%)
- Yellow (38%)
- Blue (37%)



- Cyan (58%)
- Magenta (0%)
- Yellow (61%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 296126 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 296126 by changing the saturation by 10% instead.



 296126

 296126

FFFFFF


 0C490F

 5C9455

 003100

 76AF6E

 001E00

 91CB88

 000000

 ACE7A2

 C8FFBD

 E5FFD9

 FFFFF6

 296126

 296126

■ 20611C

■ 326130

■ 176113

■ 3B6139

■ 0D6109

■ 456143

■ 056100

■ 4E614D

■ 576157

■ 606160

■ 69616A

■ 736174

■ 7C617D

# Harmonies

## Analogous

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



525A0C



296126



006547

# Triad

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



296126



005D97



923642

# Complementary

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



296126



5E2661

# 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.



8C3764



296126



3D5296

# Square

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



296126



006387



714382



884123

# Rectangle

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



296126



00655F



714382



92354D



# Sweetspot

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



296126



687D66



615D26



324032



BFBFBF



404040



# Same Dimension

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



296126



267D22



266140



2C302C



067000



0CF000



# Inverse Universe

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



5E2661



78227D



612647



302C30



6A0070



E400F0



# Previews

## White Background



This preview shows how the Hex color 296126 looks on a white background.

## Color Contrast Check

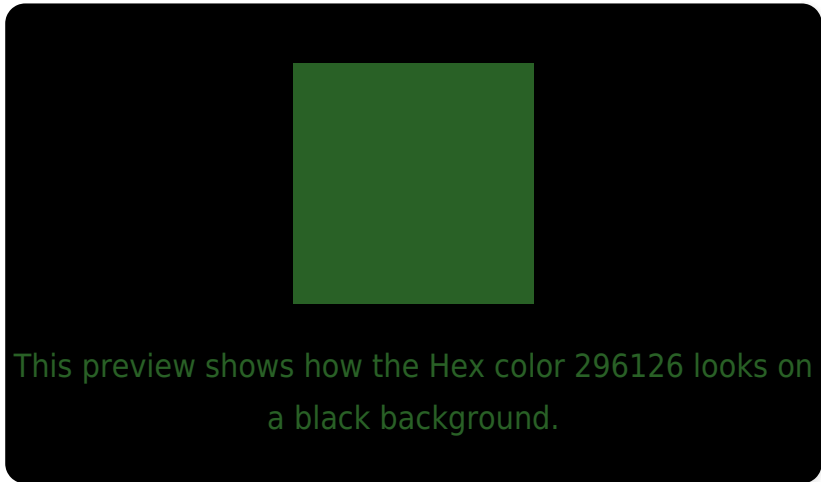
Large Text (above 18pt) WCAG AA ✓ Pass

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

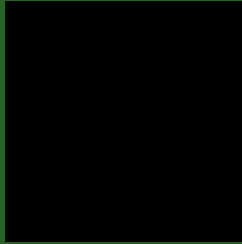
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 296126 Background



This preview shows how black text looks on a background with the Hex color 296126.



This preview shows how white text looks on a background with the Hex color 296126.

# 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**  
296126

**Protanopia**  
5F5523

**Deuteranopia**  
69512B



**Tritanopia**  
375B62

# Trichromacy



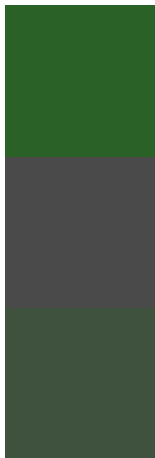
**Original Color**  
296126

**Protanomaly**  
4B5924

**Deuteranomaly**  
525729

**Tritanomaly**  
325D4C

# Monochromacy



**Original Color**  
296126

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
3E523D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 296126 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 #296126 looks like.

```
.text, #text, p{  
    color:#296126  
}
```

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 #296126 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #296126
}
```

## Border

The CSS property to change the border of an element to Hex 296126 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
#296126 }
```

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

```
.border{ border-color:#296126 }
```

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

Here you see how a box with a 4 pixel #296126 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #296126; -webkit-box-shadow:4px 4px  
4px 4px #296126; box-shadow:4px 4px 4px  
4px #296126 }
```

# Background

The CSS property to change the background color of an element to Hex 296126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#296126 }
```

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

```
.background{ background-color:#296126 }
```

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