

# Converting Colors

Hex(285D06)

Have a look what the booklet for  
Hex(285D06) contains.

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**Color**

**Hex(285D06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	285D06
RGB	40, 93, 6
RGB Percent	16%, 36%, 2%
CMY	0.8431, 0.6353, 0.9765
CMYK	0.57, 0.00, 0.94, 0.64
HSL	97°, 88%, 19%
HSV	97°, 94%, 36%
XYZ	4.8223, 8.2930, 1.5188
YIQ	67.2350, -3.6610, -38.2930

# Conversions

## Conversions Part 2

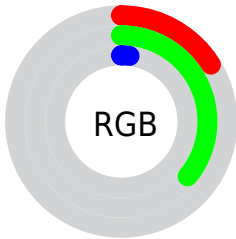
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 93, 59
Decimal	2645254
CIELab	34.59, -32.94, 39.07
CIELCh	35, 51.105, 130.134
Yxy	8.2930, 0.3295, 0.5667
Android (android.graphics.Color)	4280835334 (0xFF285D06)
YUV	67.2350, -30.1889, -23.8851
Hunter-Lab	28.7975, -20.5049, 17.0312

# Details

The Hex color **285D06** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B065D**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5C903B**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **245D00**, and if you desaturate by 10%, it is **2E5D0F**.

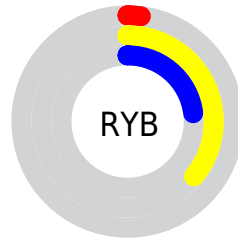
# Distribution



Red (16%)

Green (36%)

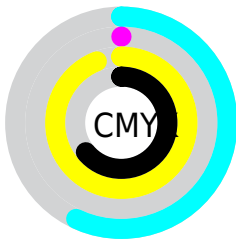
Blue (2%)



Red (2%)

Yellow (36%)

Blue (23%)

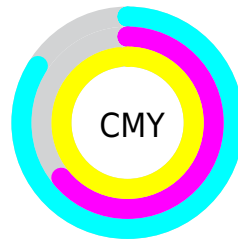


Cyan (57%)

Magenta (0%)

Yellow (94%)

Black (64%)



Cyan (84%)

Magenta (64%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 285D06 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 285D06 by changing the saturation by 10% instead.



 285D06

 285D06

 FFFFF6

 0C4500

 5C903B

 002E00

 77AB54

 001900

 91C66D

 000000

 ADE287

 C9FFA2

 E6FFBE

 FFFFDA

 285D06

 285D06

■ 245D00

■ 2E5D0F

■ 335D19

■ 395D22

■ 3F5D2B

■ 445D34

■ 4A5D3E

■ 505D47

■ 555D50

■ 5B5D5A

# Harmonies

## Analogous

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



575400



285D06



006234

# Triad

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



285D06



005D9E



982245

# Complementary

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



285D06



3B065D

# 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.



8B2A6E



285D06



0052A2

# Square

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



285D06



006285



633F90



90311E

# Rectangle

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



285D06



006350



633F90



972253



# Sweetspot

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



285D06



637856



5D3A06



313D28



BDBDBD



3D3D3D



# Same Dimension

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



285D06



2F7800



065D0F



2B2E29



2B6E00



5DED00



# Inverse Universe

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



3B065D



490078



5D0654



2C292E



43006E

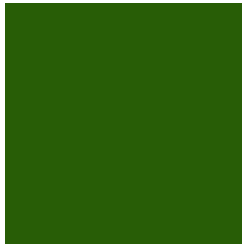


9000ED



# Previews

## White Background



This preview shows how the Hex color 285D06 looks on a white background.

## Color Contrast Check

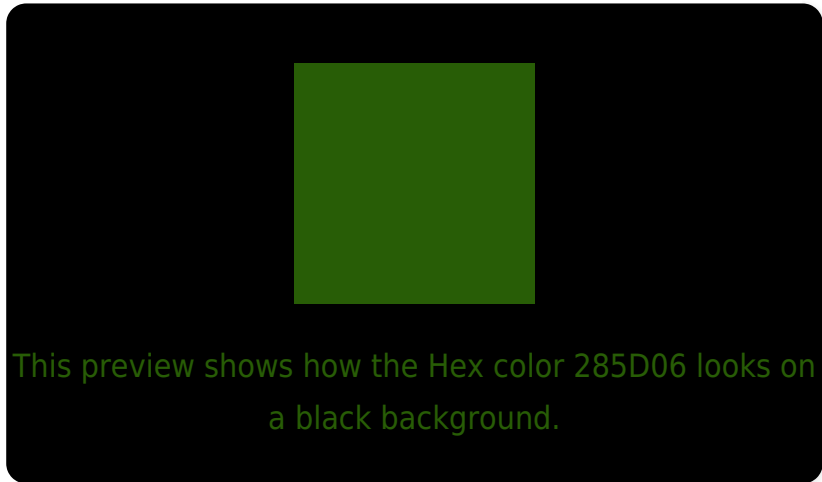
Large Text (above 18pt) WCAG AA ✓ Pass

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

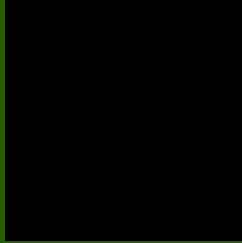
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 285D06 Background



This preview shows how black text looks on a background with the Hex color 285D06.



This preview shows how white text looks on a background with the Hex color 285D06.

# 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**  
285D06

**Protanopia**  
5C5100

**Deuteranopia**  
664D14



# Trichromacy



**Original Color**  
285D06

**Protanomaly**  
495502

**Deuteranomaly**  
4F530F

**Tritanomaly**  
31593D

# Monochromacy



**Original Color**  
285D06

**Achromatopsia**  
434343

**Achromatomaly**  
394C2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 285D06 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 #285D06 looks like.

```
.text, #text, p{  
    color:#285D06  
}
```

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 #285D06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #285D06
}
```

## Border

The CSS property to change the border of an element to Hex 285D06 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".

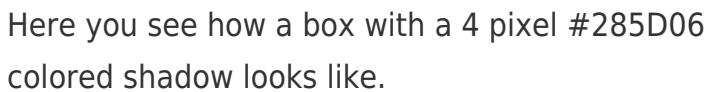
```
.border, #border, table{ border:4px solid
#285D06 }
```

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

```
.border{ border-color:#285D06 }
```

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

Here you see how a box with a 4 pixel #285D06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #285D06; -webkit-box-shadow:4px 4px  
4px 4px #285D06; box-shadow:4px 4px 4px  
4px #285D06 }
```

# Background

The CSS property to change the background color of an element to Hex 285D06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#285D06 }
```

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

```
.background{ background-color:#285D06 }
```

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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