

# Converting Colors

Hex(265A06)

Have a look what the booklet for  
Hex(265A06) contains.

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**Color**

**Hex(265A06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	265A06
RGB	38, 90, 6
RGB Percent	15%, 35%, 2%
CMY	0.8510, 0.6471, 0.9765
CMYK	0.58, 0.00, 0.93, 0.65
HSL	97°, 88%, 19%
HSV	97°, 93%, 35%
XYZ	4.4884, 7.7375, 1.4292
YIQ	64.8760, -4.0280, -37.1480

# Conversions

## Conversions Part 2

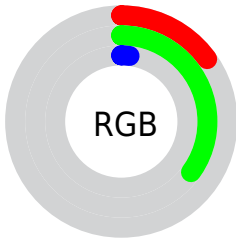
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 90, 58
Decimal	2513414
CIELab	33.43, -32.34, 38.05
CIELCh	33, 49.931, 130.361
Yxy	7.7375, 0.3287, 0.5666
Android (android.graphics.Color)	4280703494 (0xFF265A06)
YUV	64.8760, -29.0259, -23.5703
Hunter-Lab	27.8164, -19.8766, 16.4251

# Details

The Hex color **265A06** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3A065A**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5A8D3A**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **225A00**, and if you desaturate by 10%, it is **2C5A0F**.

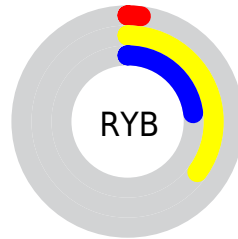
# Distribution



Red (15%)

Green (35%)

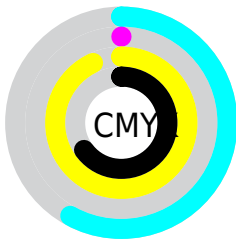
Blue (2%)



Red (2%)

Yellow (35%)

Blue (23%)

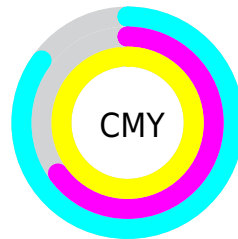


Cyan (58%)

Magenta (0%)

Yellow (93%)

Black (65%)



Cyan (85%)

Magenta (65%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 265A06 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 265A06 by changing the saturation by 10% instead.



 265A06

 265A06

 FFFFF5

 0A4200

 5A8D3A

 002B00

 74A753

 001400

 8FC36C

 000000

 AADF86

 C6FCA1

 E3FFBC

 FFFFD9

 265A06

 265A06

■ 225A00

■ 2C5A0F

■ 315A18

■ 375A21

■ 3C5A2A

■ 425A33

■ 475A3C

■ 4D5A45

■ 535A4E

■ 585A57

# Harmonies

## Analogous

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



535100



265A06



005F32

# Triad

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



265A06



005A99



942143

# Complementary

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



265A06



3A065A

# 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.



87286A



265A06



004F9D

# Square

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



265A06



005F81



603D8B



8C301D

# Rectangle

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



265A06



00604E



603D8B



922050



# Sweetspot

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



265A06



617554



5A3A06



2E3B27



BABABA



3B3B3B



# Same Dimension

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



265A06



2D7500



065A10



2B2E29



2A6E00



5AED00



# Inverse Universe

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



3A065A



490075



5A0650



2C292E



44006E



9300ED



# Previews

## White Background



This preview shows how the Hex color 265A06 looks on a white background.

## Color Contrast Check

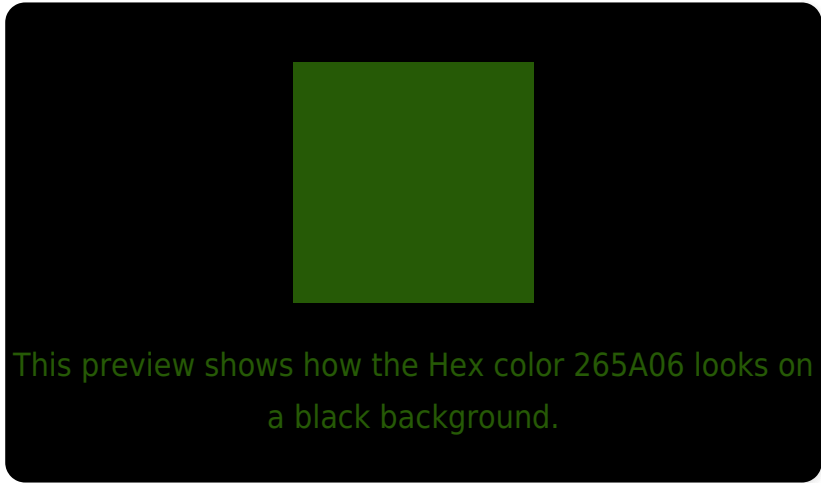
Large Text (above 18pt) WCAG AA ✓ Pass

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

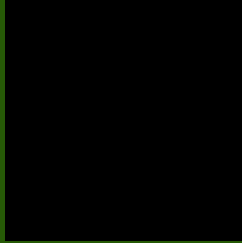
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 265A06 Background



This preview shows how black text looks on a background with the Hex color 265A06.



This preview shows how white text looks on a background with the Hex color 265A06.

# 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](#).

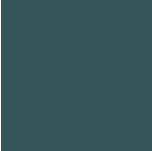
## Dichromacy



**Original Color**  
265A06

**Protanopia**  
594F00

**Deuteranopia**  
634A13



**Tritanopia**  
34545A

# Trichromacy



**Original Color**  
265A06

**Protanomaly**  
465302

**Deuteranomaly**  
4D500E

**Tritanomaly**  
2F563B

# Monochromacy



**Original Color**  
265A06

**Achromatopsia**  
414141

**Achromatomaly**  
374A2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 265A06 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 #265A06 looks like.

```
.text, #text, p{  
    color:#265A06  
}
```

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 #265A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #265A06  
}
```

## Border

The CSS property to change the border of an element to Hex 265A06 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  
#265A06 }
```

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

```
.border{ border-color:#265A06 }
```

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

Here you see how a box with a 4 pixel #265A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #265A06; -webkit-box-shadow:4px 4px  
4px 4px #265A06; box-shadow:4px 4px 4px  
4px #265A06 }
```

# Background

The CSS property to change the background color of an element to Hex 265A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#265A06 }
```

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

```
.background{ background-color:#265A06 }
```

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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