

# Converting Colors

Hex(265010)

Have a look what the booklet for  
Hex(265010) contains.

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**Color**

**Hex(265010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	265010
RGB	38, 80, 16
RGB Percent	15%, 31%, 6%
CMY	0.8510, 0.6863, 0.9373
CMYK	0.52, 0.00, 0.80, 0.69
HSL	99°, 67%, 19%
HSV	99°, 80%, 31%
XYZ	3.7615, 6.1868, 1.4861
YIQ	60.1460, -4.4880, -28.8080

# Conversions

## Conversions Part 2

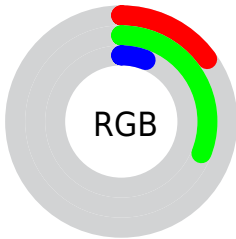
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 80, 58
Decimal	2510864
CIE Lab	29.88, -27.36, 31.31
CIE LCh	30, 41.579, 131.157
Yxy	6.1868, 0.3290, 0.5411
Android (android.graphics.Color)	4280700944 (0xFF265010)
YUV	60.1460, -21.7640, -19.4220
Hunter-Lab	24.8733, -16.5342, 13.8688

# Details

The Hex color **265010** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3A1050**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **58823F**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **215008**, and if you desaturate by 10%, it is **2B5018**.

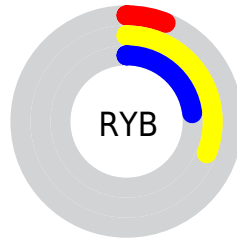
# Distribution



Red (15%)

Green (31%)

Blue (6%)



Red (6%)

Yellow (31%)

Blue (23%)

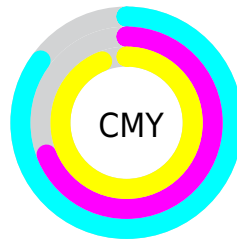


Cyan (52%)

Magenta (0%)

Yellow (80%)

Black (69%)



Cyan (85%)

Magenta (69%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 265010 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 265010 by changing the saturation by 10% instead.



 265010

 265010

 FFFFF9

 0E3900

 58823F

 002400

 719C57

 000000

 8CB770

 A7D38A

 C2EFA5

 DFFFC0

 FCFFDC

 265010

 265010

■ 215008

■ 2B5018

■ 1C5000

■ 315020

■ 365028

■ 3B5030

■ 405038

■ 465040

■ 4B5048

■ 505050

■ 555058

# Harmonies

## Analogous

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



4A4900



265010



005430

# Triad

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



265010



005084



80253C

# Complementary

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



265010



3A1050

# 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.



76295C



265010



094686

# Square

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



265010



005470



573877



792F1D

# Rectangle

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



265010



005547



573877



7E2447



# Sweetspot

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



265010



58694F



503A10



2B3626



B5B5B5



363636



# Same Dimension

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



265010



276904



10501A



262925



246900



50E800



# Inverse Universe

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



3A1050



460469



501046



272529



450069

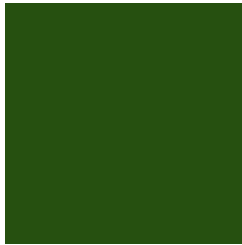


9800E8



# Previews

## White Background



This preview shows how the Hex color 265010 looks on a white background.

## Color Contrast Check

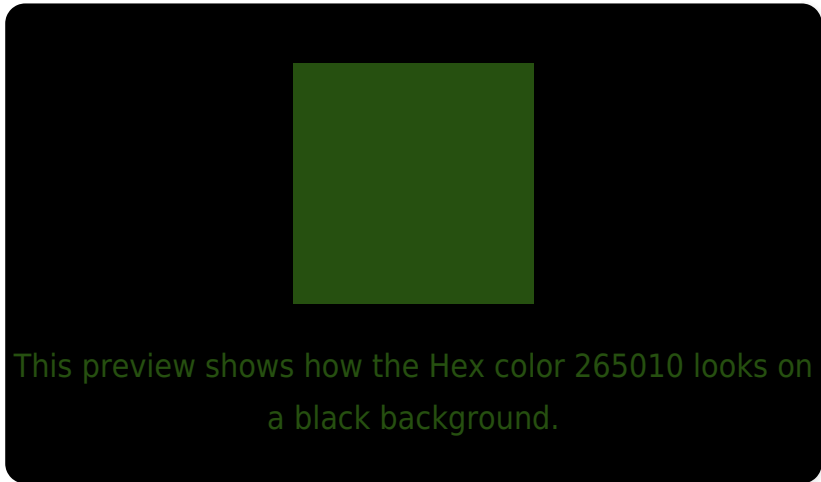
Large Text (above 18pt) WCAG AA ✓ Pass

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

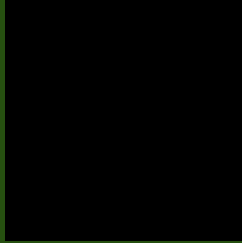
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 265010 Background



This preview shows how black text looks on a background with the Hex color 265010.



This preview shows how white text looks on a background with the Hex color 265010.

# 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**  
265010

**Protanopia**  
4F460E

**Deuteranopia**  
584316



**Tritanopia**  
314B50

# Trichromacy



**Original Color**  
265010

**Protanomaly**  
404A0F

**Deuteranomaly**  
464814

**Tritanomaly**  
2D4D39

# Monochromacy



**Original Color**  
265010

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
34432C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 265010 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 #265010 looks like.

```
.text, #text, p{  
    color:#265010  
}
```

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 #265010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #265010
}
```

## Border

The CSS property to change the border of an element to Hex 265010 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
#265010 }
```

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

```
.border{ border-color:#265010 }
```

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

Here you see how a box with a 4 pixel #265010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #265010; -webkit-box-shadow:4px 4px  
4px 4px #265010; box-shadow:4px 4px 4px  
4px #265010 }
```

# Background

The CSS property to change the background color of an element to Hex 265010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#265010 }
```

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

```
.background{ background-color:#265010 }
```

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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