

# Converting Colors

Hex(265A28)

Have a look what the booklet for  
Hex(265A28) contains.

<b>Hex(265A28)</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(265A28)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	265A28
RGB	38, 90, 40
RGB Percent	15%, 35%, 16%
CMY	0.8510, 0.6471, 0.8431
CMYK	0.58, 0.00, 0.56, 0.65
HSL	122°, 41%, 25%
HSV	122°, 58%, 35%
XYZ	4.8385, 7.8776, 3.2730
YIQ	68.7520, -14.9420, -26.5740

# Conversions

## Conversions Part 2

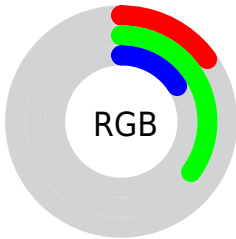
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 88, 90
Decimal	2513448
CIELab	33.73, -29.03, 23.55
CIELCh	34, 37.382, 140.951
Yxy	7.8776, 0.3026, 0.4927
Android (android.graphics.Color)	4280703528 (0xFF265A28)
YUV	68.7520, -14.1747, -26.9695
Hunter-Lab	28.0671, -18.3456, 12.7329

# Details

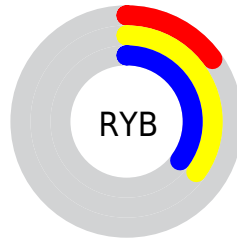
The Hex color **265A28** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A2658**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **588D56**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **1D5A1F**, and if you desaturate by 10%, it is **2F5A31**.

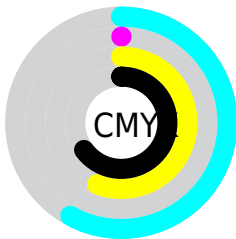
# Distribution



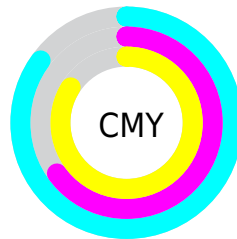
- Red (15%)
- Green (35%)
- Blue (16%)



- Red (15%)
- Yellow (35%)
- Blue (35%)



- Cyan (58%)
- Magenta (0%)
- Yellow (56%)
- Black (65%)



- Cyan (85%)
- Magenta (65%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 265A28 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 265A28 by changing the saturation by 10% instead.



 265A28

 265A28

FFFFFF

 0A4212

 588D56

 002B00

 72A76F

 001500

 8CC389

 000000

 A7DFA3

 C3FBBF

 DFFFDA

 FCFFF7

 265A28

 265A28

■ 1D5A1F

■ 2F5A31

■ 145A17

■ 385A39

■ 0B5A0E

■ 415A42

■ 025A05

■ 4A5A4B

■ 005A03

■ 535A53

■ 5C5A5C

■ 655A65

■ 6E5A6D

■ 775A76

# Harmonies

## Analogous

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



4B5412



265A28



005D45

# Triad

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



265A28



00558A



85353C

# Complementary

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



265A28



5A2658

# 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.



80355A



265A28



404B87

# Square

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



265A28



005B7D



6A3F75



7B3F22

# Rectangle

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



265A28



005E5A



6A3F75



853446



# Sweetspot

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



265A28



617562



585A26



2F3B2F



BABABA



3B3B3B



# Same Dimension

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



265A28



247527



265A42



292E29



006E04



00ED09



# Inverse Universe

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



5A2658



752472



5A263E



2E292E



6E0069

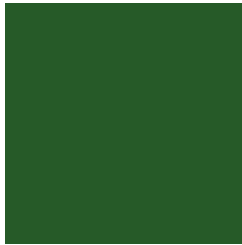


ED00E4



# Previews

## White Background



This preview shows how the Hex color 265A28 looks on a white background.

## Color Contrast Check

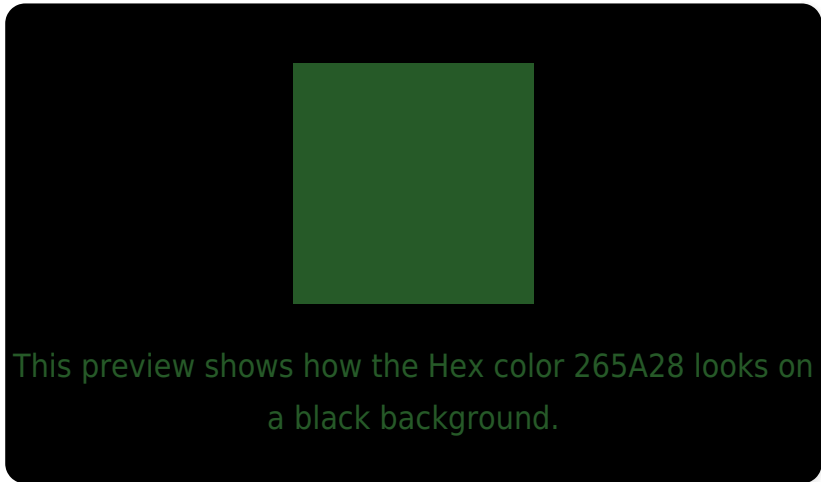
Large Text (above 18pt) WCAG AA ✓ Pass

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

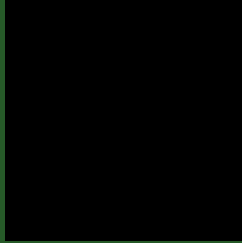
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 265A28 Background



This preview shows how black text looks on a background with the Hex color 265A28.



This preview shows how white text looks on a background with the Hex color 265A28.

# 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**  
265A28

**Protanopia**  
584F25

**Deuteranopia**  
614B2C



**Tritanopia**  
32555B

# Trichromacy



**Original Color**  
265A28

**Protanomaly**  
465326

**Deuteranomaly**  
4C502B

**Tritanomaly**  
2E5748

# Monochromacy



**Original Color**  
265A28

**Achromatopsia**  
454545

**Achromatomaly**  
3A4D3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 265A28 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 #265A28 looks like.

```
.text, #text, p{  
    color:#265A28  
}
```

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 #265A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #265A28  
}
```

## Border

The CSS property to change the border of an element to Hex 265A28 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  
#265A28 }
```

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

```
.border{ border-color:#265A28 }
```

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

Here you see how a box with a 4 pixel #265A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #265A28; -webkit-box-shadow:4px 4px  
4px 4px #265A28; box-shadow:4px 4px 4px  
4px #265A28 }
```

# Background

The CSS property to change the background color of an element to Hex 265A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#265A28 }
```

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

```
.background{ background-color:#265A28 }
```

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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