

Converting Colors

Hex(256D28)

Have a look what the booklet for
Hex(256D28) contains.

Hex(256D28)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(256D28)

Conversions

Conversions Part 1

Format	Color
Hex	256D28
RGB	37, 109, 40
RGB Percent	15%, 43%, 16%
CMY	0.8549, 0.5725, 0.8431
CMYK	0.66, 0.00, 0.63, 0.57
HSL	122°, 49%, 29%
HSV	122°, 66%, 43%
XYZ	6.6146, 11.4838, 3.8755
YIQ	79.6060, -20.7630, -36.7230

Conversions

Conversions Part 2

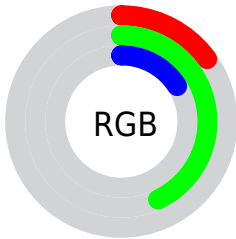
Format	Color
RYB	37, 106, 109
Decimal	2452776
CIELab	40.38, -37.37, 31.42
CIELCh	40, 48.826, 139.939
Yxy	11.4838, 0.3010, 0.5226
Android (android.graphics.Color)	4280642856 (0xFF256D28)
YUV	79.6060, -19.5258, -37.3655
Hunter-Lab	33.8877, -24.4619, 16.9409

Details

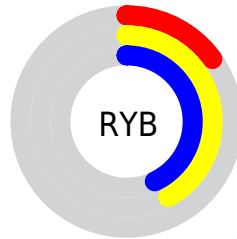
The Hex color **256D28** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6D256A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5BA158**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **1A6D1E**, and if you desaturate by 10%, it is **306D32**.

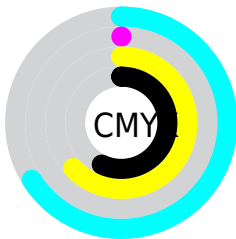
Distribution



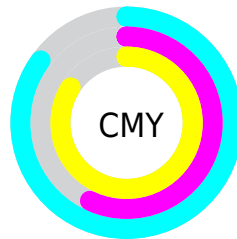
- Red (15%)
- Green (43%)
- Blue (16%)



- Red (15%)
- Yellow (42%)
- Blue (43%)



- Cyan (66%)
- Magenta (0%)
- Yellow (63%)
- Black (57%)



- Cyan (85%)
- Magenta (57%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256D28 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 256D28 by changing the saturation by 10% instead.

 256D28

 256D28

FFFFFF

 005410

 5BA158

 003C00

 76BD71

 002700

 91D98B

 000300

 ADF5A6

 000000

 C9FFC1

 E6FFDD

 FFFFFA

 256D28

 256D28

■ 1A6D1E

■ 306D32

■ 0F6D13

■ 3B6D3D

■ 046D09

■ 466D47

■ 006D05

■ 516D52

■ 5B6D5C

■ 666D67

■ 716D71

■ 7C6D7C

■ 876D86

Harmonies

Analogous

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



596503



256D28



007150

Triad

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



256D28



0068AE



A63946

Complementary

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



256D28



6D256A

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.



A0396E



256D28



435AAB

Square

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



256D28



006F9C



824893



994822

Rectangle

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



256D28



00726C



824893



A73754

Sweetspot

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



256D28



728F73



6B6D25



364737



C7C7C7



474747

Same Dimension

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



256D28



1E8F23



256D4B



303630



007505



00F50A

Inverse Universe

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



6D256A



8F1E8A



6D2547



363035



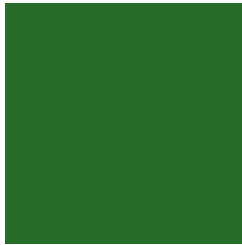
750070



F500EB

Previews

White Background



This preview shows how the Hex color 256D28 looks on a white background.

Color Contrast Check

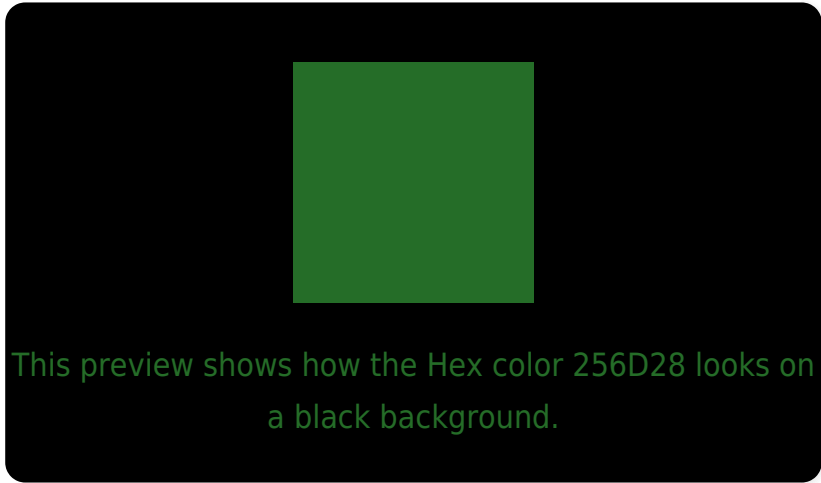
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

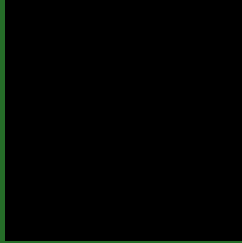
Any Text WCAG AA × Fail

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 256D28 Background



This preview shows how black text looks on a background with the Hex color 256D28.



This preview shows how white text looks on a background with the Hex color 256D28.

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
256D28

Protanopia
6A5F24

Deuteranopia
755A2E



Tritanopia
38666E

Trichromacy



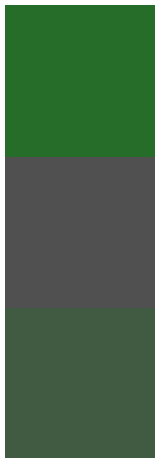
Original Color
256D28

Protanomaly
516425

Deuteranomaly
58612C

Tritanomaly
316955

Monochromacy



Original Color
256D28

Achromatopsia
505050

Achromatomaly
405B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 256D28 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 #256D28 looks like.

```
.text, #text, p{  
    color:#256D28  
}
```

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 #256D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256D28
}
```

Border

The CSS property to change the border of an element to Hex 256D28 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
#256D28 }
```

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

```
.border{ border-color:#256D28 }
```

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

Here you see how a box with a 4 pixel #256D28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256D28; -webkit-box-shadow:4px 4px  
4px 4px #256D28; box-shadow:4px 4px 4px  
4px #256D28 }
```

Background

The CSS property to change the background color of an element to Hex 256D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256D28 }
```

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

```
.background{ background-color:#256D28 }
```

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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