

Converting Colors

Hex(256F33)

Have a look what the booklet for
Hex(256F33) contains.

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Color

Hex(256F33)

Conversions

Conversions Part 1

Format	Color
Hex	256F33
RGB	37, 111, 51
RGB Percent	15%, 44%, 20%
CMY	0.8549, 0.5647, 0.8000
CMYK	0.67, 0.00, 0.54, 0.56
HSL	131°, 50%, 29%
HSV	131°, 67%, 44%
XYZ	7.0449, 12.0012, 5.0771
YIQ	82.0340, -24.8440, -34.3480

Conversions

Conversions Part 2

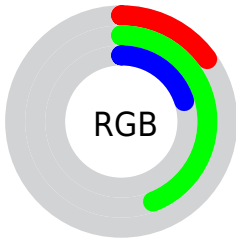
Format	Color
RYB	37, 99, 111
Decimal	2453299
CIELab	41.22, -36.60, 26.67
CIElCh	41, 45.283, 143.923
Yxy	12.0012, 0.2920, 0.4975
Android (android.graphics.Color)	4280643379 (0xFF256F33)
YUV	82.0340, -15.2998, -39.4948
Hunter-Lab	34.6428, -24.3252, 15.5606

Details

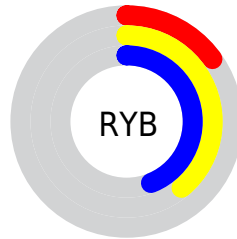
The Hex color **256F33** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F2561**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5BA363**, and **003E05** is the 20% darker color. If you saturate the color by 10%, you get **1A6F2A**, and if you desaturate by 10%, it is **306F3C**.

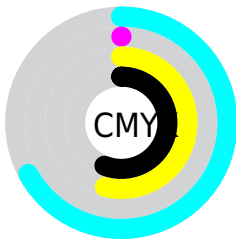
Distribution



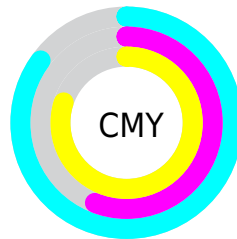
- Red (15%)
- Green (44%)
- Blue (20%)



- Red (15%)
- Yellow (39%)
- Blue (44%)



- Cyan (67%)
- Magenta (0%)
- Yellow (54%)
- Black (56%)



- Cyan (85%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256F33 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 256F33 by changing the saturation by 10% instead.

 256F33

 256F33


FFFFFF


 00561C

 5BA363

 003E05

 76BF7C

 002800

 91DB96

 000800

 ADF8B1

 000000

 C9FFCD

 E6FFE9

 256F33

 256F33

 1A6F2A

 306F3C

■ 0F6F21

■ 3B6F45

■ 046F18

■ 466F4E

■ 006F15

■ 516F57

■ 5D6F60

■ 686F69

■ 736F72

■ 7E6F7B

■ 896F84

Harmonies

Analogous

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



576815



256F33



007258

Triad

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



256F33



0068AB



A44045

Complementary

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



256F33



6F2561

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.



A03E6A



256F33



545BA5

Square

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



256F33



00709D



874A8D



954E25

Rectangle

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



256F33



007372



874A8D



A53E51

Sweetspot

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



256F33



74917A



616F25



384A3C



C9C9C9



4A4A4A

Same Dimension

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



256F33



1D9133



256F58



323834



007817



00F72F

Inverse Universe

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



6F2561



911D7B



6F253C



383237



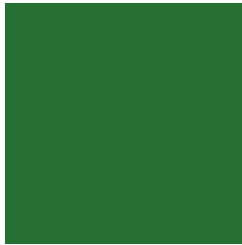
780061



F700C9

Previews

White Background



This preview shows how the Hex color 256F33 looks on a white background.

Color Contrast Check

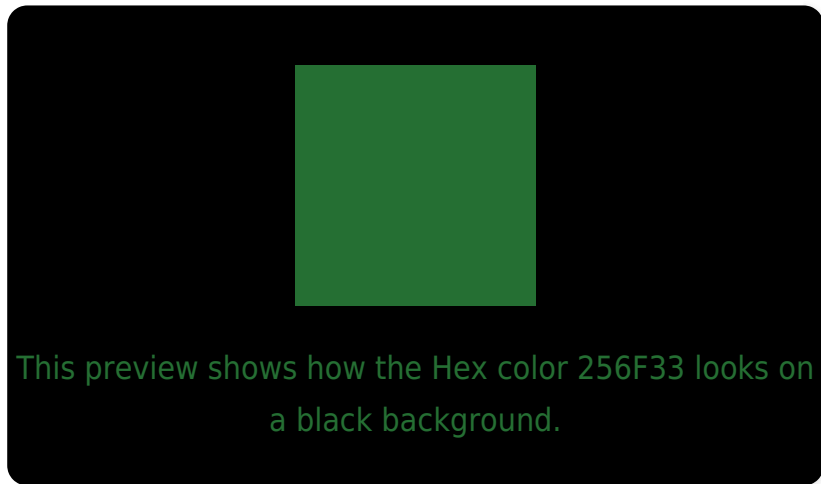
Large Text (above 18pt) WCAG AA ✓ Pass

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

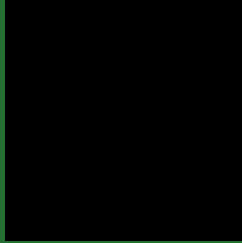
Any Text WCAG AA × Fail

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 256F33 Background



This preview shows how black text looks on a background with the Hex color 256F33.



This preview shows how white text looks on a background with the Hex color 256F33.

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
256F33

Protanopia
6B612E

Deuteranopia
765C38



Tritanopia
376871

Trichromacy



Original Color
256F33

Protanomaly
526630

Deuteranomaly
596336

Tritanomaly
306B5A

Monochromacy



Original Color
256F33

Achromatopsia
525252

Achromatomaly
425D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 256F33 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 #256F33 looks like.

```
.text, #text, p{  
    color:#256F33  
}
```

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 #256F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256F33  
}
```

Border

The CSS property to change the border of an element to Hex 256F33 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  
#256F33 }
```

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

```
.border{ border-color:#256F33 }
```

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

Here you see how a box with a 4 pixel #256F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256F33; -webkit-box-shadow:4px 4px  
4px 4px #256F33; box-shadow:4px 4px 4px  
4px #256F33 }
```

Background

The CSS property to change the background color of an element to Hex 256F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256F33 }
```

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

```
.background{ background-color:#256F33 }
```

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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