

Converting Colors

Hex(247F33)

Have a look what the booklet for
Hex(247F33) contains.

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Color

Hex(247F33)

Conversions

Conversions Part 1

Format	Color
Hex	247F33
RGB	36, 127, 51
RGB Percent	14%, 50%, 20%
CMY	0.8588, 0.5020, 0.8000
CMYK	0.72, 0.00, 0.60, 0.50
HSL	130°, 56%, 32%
HSV	130°, 72%, 50%
XYZ	8.9145, 15.7928, 5.7104
YIQ	91.1270, -29.8400, -42.9280

Conversions

Conversions Part 2

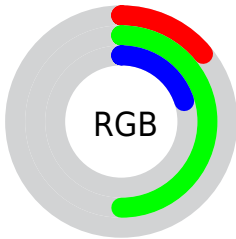
Format	Color
R_{YB}	36, 114, 127
Decimal	2391859
CIE _{Lab}	46.70, -43.09, 33.24
CIE _{LCh}	47, 54.425, 142.352
Yxy	15.7928, 0.2931, 0.5192
Android (android.graphics.Color)	4280581939 (0xFF247F33)
YUV	91.1270, -19.7826, -48.3464
Hunter-Lab	39.7402, -29.5045, 19.2985

Details

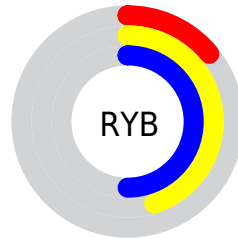
The Hex color **247F33** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7F2470**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5EB564**, and **004D02** is the 20% darker color. If you saturate the color by 10%, you get **177F28**, and if you desaturate by 10%, it is **317F3E**.

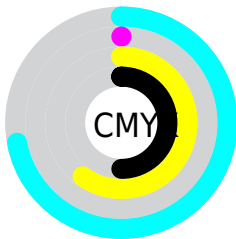
Distribution



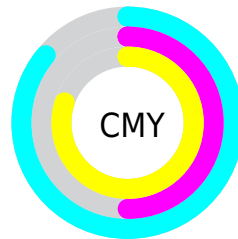
- Red (14%)
- Green (50%)
- Blue (20%)



- Red (14%)
- Yellow (45%)
- Blue (50%)



- Cyan (72%)
- Magenta (0%)
- Yellow (60%)
- Black (50%)



- Cyan (86%)
- Magenta (50%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 247F33 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 247F33 by changing the saturation by 10% instead.

 247F33

 247F33

FFFFFF

 00651B

 5EB564

 004D02

 7AD17E

 003500

 96ED98

 001F00

 B2FFB3

 000000

 CFFFCF

 ECFFEB

 247F33

 247F33

 177F28

 317F3E

■ 0B7F1E

■ 3D7F48

■ 007F15

■ 4A7F53

■ 577F5D

■ 647F68

■ 707F73

■ 7D7F7D

■ 8A7F88

■ 967F92

Harmonies

Analogous

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



647607



247F33



008361

Triad

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



247F33



0078CA



BF444F

Complementary

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



247F33



7F2470

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.



BA427C



247F33



5768C4

Square

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



247F33



0080B7



9A53A7



AF5526

Rectangle

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



247F33



008481



9A53A7



C0405E

Sweetspot

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



247F33



83A689



717F24



3F5443



D4D4D4



545454

Same Dimension

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



247F33



17A62F



247F5F



39403A



008015



000000

Inverse Universe

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



7F2470



A6178E



7F2444



40393F



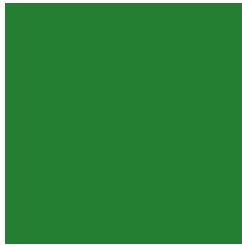
80006A



000000

Previews

White Background



This preview shows how the Hex color 247F33 looks on a white background.

Color Contrast Check

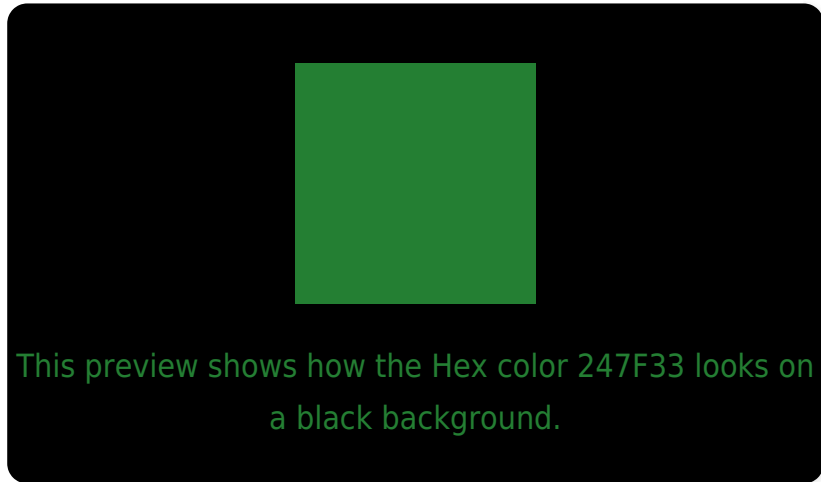
Large Text (above 18pt) WCAG AA ✓ Pass

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 247F33 Background



This preview shows how black text looks on a background with the Hex color 247F33.



This preview shows how white text looks on a background with the Hex color 247F33.

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
247F33

Protanopia
7A6E2E

Deuteranopia
876939



Tritanopia
3C7781

Trichromacy



Original Color
247F33



Protanomaly
5B7430



Deuteranomaly
637137



Tritanomaly
337A65

Monochromacy



Original Color
247F33



Achromatopsia
5B5B5B



Achromatomaly
47684C

CSS Examples

Text

The CSS property to change the color of the text to Hex 247F33 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 #247F33 looks like.

```
.text, #text, p{  
    color:#247F33  
}
```

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 #247F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247F33
}
```

Border

The CSS property to change the border of an element to Hex 247F33 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
#247F33 }
```

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

```
.border{ border-color:#247F33 }
```

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

Here you see how a box with a 4 pixel #247F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247F33; -webkit-box-shadow:4px 4px  
4px 4px #247F33; box-shadow:4px 4px 4px  
4px #247F33 }
```

Background

The CSS property to change the background color of an element to Hex 247F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247F33 }
```

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

```
.background{ background-color:#247F33 }
```

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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