

Converting Colors

Hex(216E52)

Have a look what the booklet for
Hex(216E52) contains.

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Color

Hex(216E52)

Conversions

Conversions Part 1

Format	Color
Hex	216E52
RGB	33, 110, 82
RGB Percent	13%, 43%, 32%
CMY	0.8706, 0.5686, 0.6784
CMYK	0.70, 0.00, 0.25, 0.57
HSL	158°, 54%, 28%
HSV	158°, 70%, 43%
XYZ	7.7261, 12.0844, 9.9080
YIQ	83.7850, -36.9040, -25.0320

Conversions

Conversions Part 2

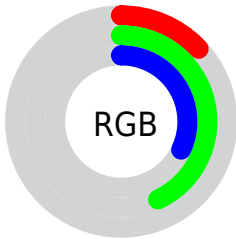
Format	Color
RYB	33, 80, 110
Decimal	2190930
CIELab	41.35, -30.61, 8.92
CIELCh	41, 31.879, 163.748
Yxy	12.0844, 0.2600, 0.4066
Android (android.graphics.Color)	4280381010 (0xFF216E52)
YUV	83.7850, -0.8800, -44.5384
Hunter-Lab	34.7626, -21.1623, 7.4351

Details

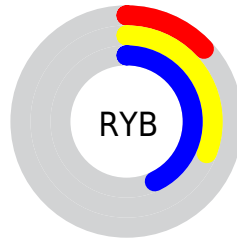
The Hex color **216E52** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E213D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **58A283**, and **003D25** is the 20% darker color. If you saturate the color by 10%, you get **166E4E**, and if you desaturate by 10%, it is **2C6E56**.

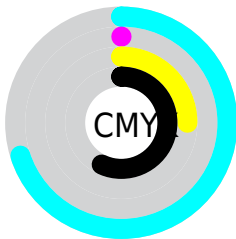
Distribution



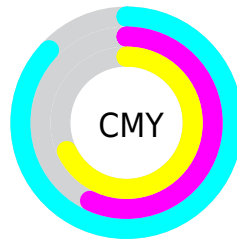
- Red (13%)
- Green (43%)
- Blue (32%)



- Red (13%)
- Yellow (31%)
- Blue (43%)



- Cyan (70%)
- Magenta (0%)
- Yellow (25%)
- Black (57%)




- Cyan (87%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216E52 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 216E52 by changing the saturation by 10% instead.

 216E52

 216E52

FFFFFF

 00553B

 58A283

 003D25

 73BE9E

 002711

 8EDAB8


 000900

 A9F6D4

 000000

 C6FFF0

 E2FFFF

 216E52

 216E52

 166E4E

 2C6E56

■ 0B6E4A

■ 376E5A

■ 006E46

■ 426E5E

■ 4D6E62

■ 586E66

■ 636E6A

■ 6E6E6E

■ 796E72

■ 846E76

Harmonies

Analogous

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



496A3A



216E52



006F6D

Triad

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



216E52



4C6094



8E523F

Complementary

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



216E52



6E213D

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.



934C56



216E52



735688

Square

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



216E52



016893



8B4E71



7D5B2F

Rectangle

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



216E52



006E7E



8B4E71



914F46

Sweetspot

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



216E52



718F84



3D6E21



364741



C7C7C7



474747

Same Dimension

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



216E52



178F63



21646E



323836



00784C



00F79D

Inverse Universe

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



6E213D



8F1742



6E2B21



383235



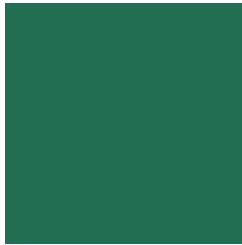
78002C



F7005A

Previews

White Background



This preview shows how the Hex color 216E52 looks on a white background.

Color Contrast Check

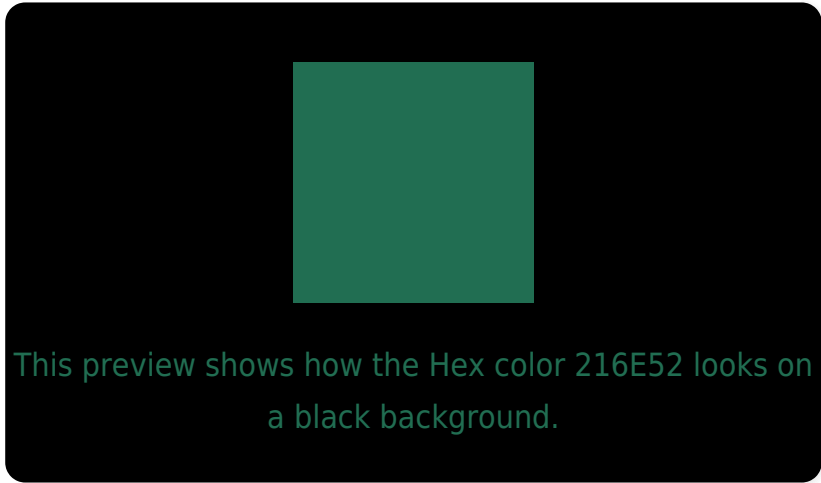
Large Text (above 18pt) WCAG AA ✓ Pass

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

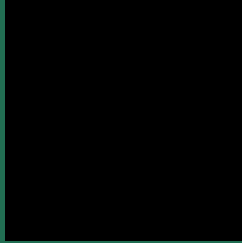
Any Text WCAG AA × Fail

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 216E52 Background



This preview shows how black text looks on a background with the Hex color 216E52.



This preview shows how white text looks on a background with the Hex color 216E52.

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
216E52

Protanopia
67614C

Deuteranopia
6F5D56



Tritanopia
2F6A72

Trichromacy



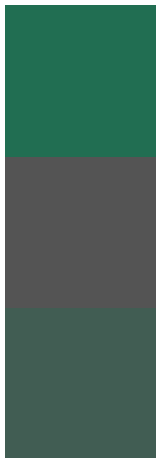
Original Color
216E52

Protanomaly
4E664E

Deuteranomaly
536355

Tritanomaly
2A6B66

Monochromacy



Original Color
216E52

Achromatopsia
545454

Achromatomaly
415D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 216E52 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 #216E52 looks like.

```
.text, #text, p{  
    color:#216E52  
}
```

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 #216E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216E52
}
```

Border

The CSS property to change the border of an element to Hex 216E52 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
#216E52 }
```

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

```
.border{ border-color:#216E52 }
```

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

Here you see how a box with a 4 pixel #216E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216E52; -webkit-box-shadow:4px 4px  
4px 4px #216E52; box-shadow:4px 4px 4px  
4px #216E52 }
```

Background

The CSS property to change the background color of an element to Hex 216E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216E52 }
```

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

```
.background{ background-color:#216E52 }
```

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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