

Converting Colors

Hex(216B3D)

Have a look what the booklet for
Hex(216B3D) contains.

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Color

Hex(216B3D)

Conversions

Conversions Part 1

Format	Color
Hex	216B3D
RGB	33, 107, 61
RGB Percent	13%, 42%, 24%
CMY	0.8706, 0.5804, 0.7608
CMYK	0.69, 0.00, 0.43, 0.58
HSL	143°, 53%, 27%
HSV	143°, 69%, 42%
XYZ	6.7272, 11.1756, 6.2174
YIQ	79.6300, -29.3380, -29.9940

Conversions

Conversions Part 2

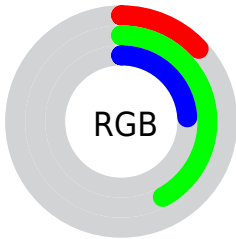
Format	Color
RYB	33, 87, 107
Decimal	2190141
CIELab	39.87, -34.01, 19.32
CIELCh	40, 39.119, 150.404
Yxy	11.1756, 0.2789, 0.4633
Android (android.graphics.Color)	4280380221 (0xFF216B3D)
YUV	79.6300, -9.1846, -40.8945
Hunter-Lab	33.4300, -22.5825, 12.3740

Details

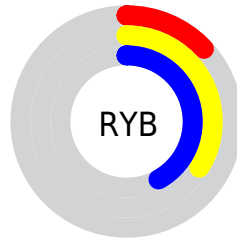
The Hex color **216B3D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6B214F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **579F6D**, and **003A11** is the 20% darker color. If you saturate the color by 10%, you get **166B36**, and if you desaturate by 10%, it is **2C6B44**.

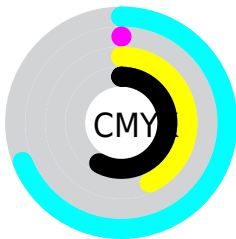
Distribution



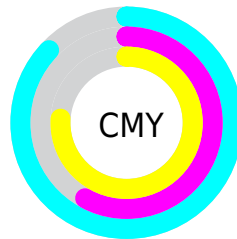
- Red (13%)
- Green (42%)
- Blue (24%)



- Red (13%)
- Yellow (34%)
- Blue (42%)



- Cyan (69%)
- Magenta (0%)
- Yellow (43%)
- Black (58%)



- Cyan (87%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216B3D 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 216B3D by changing the saturation by 10% instead.



216B3D



216B3D

FFFFFF



005227



579F6D



003A11



72BA86



002500



8DD6A1



000000



A8F3BC



C4FFD8



E1FFF4



FEFFFF



216B3D



216B3D

■ 166B36

■ 2C6B44

■ 0C6B30

■ 366B4A

■ 016B29

■ 416B51

■ 006B28

■ 4C6B58

■ 566B5E

■ 616B65

■ 6C6B6C

■ 776B72

■ 816B79

Harmonies

Analogous

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



4F6523



216B3D



006D5D

Triad

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



216B3D



0F619E



97453F

Complementary

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



216B3D



6B214F

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.



97415F



216B3D



5F5595

Square

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



216B3D



006995



85487E



885126

Rectangle

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



216B3D



006E73



85487E



99434A

Sweetspot

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



216B3D



6F8C7A



506B21



36473C



C7C7C7



474747

Same Dimension

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



216B3D



188C44



216B61



303632



00752C



00F55D

Inverse Universe

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



6B214F



8C1860



6B212B



363034



750049



F50098

Previews

White Background



This preview shows how the Hex color 216B3D looks on a white background.

Color Contrast Check

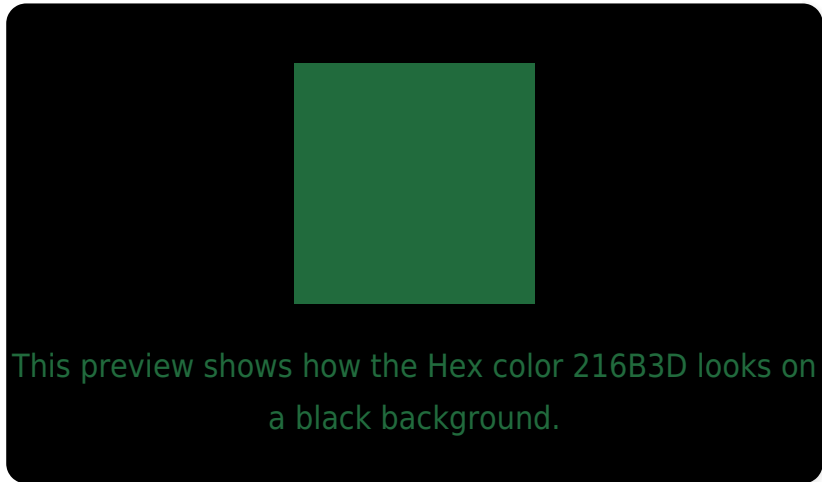
Large Text (above 18pt) WCAG AA ✓ Pass

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

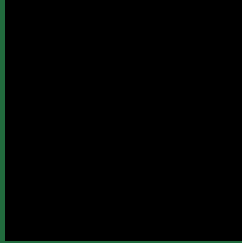
Any Text WCAG AA × Fail

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 216B3D Background



This preview shows how black text looks on a background with the Hex color 216B3D.



This preview shows how white text looks on a background with the Hex color 216B3D.

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
216B3D

Protanopia
665E38

Deuteranopia
6F5A41

Trichromacy



Original Color
216B3D

Protanomaly
4D633A

Deuteranomaly
536040

Tritanomaly
2C675C

Monochromacy



Original Color
216B3D

Achromatopsia
505050

Achromatomaly
3F5A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 216B3D 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 #216B3D looks like.

```
.text, #text, p{  
    color:#216B3D  
}
```

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 #216B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216B3D
}
```

Border

The CSS property to change the border of an element to Hex 216B3D 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
#216B3D }
```

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

```
.border{ border-color:#216B3D }
```

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

Here you see how a box with a 4 pixel #216B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216B3D; -webkit-box-shadow:4px 4px  
4px 4px #216B3D; box-shadow:4px 4px 4px  
4px #216B3D }
```

Background

The CSS property to change the background color of an element to Hex 216B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216B3D }
```

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

```
.background{ background-color:#216B3D }
```

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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