

Converting Colors

Hex(216821)

Have a look what the booklet for
Hex(216821) contains.

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Color

Hex(216821)

Conversions

Conversions Part 1

Format	Color
Hex	216821
RGB	33, 104, 33
RGB Percent	13%, 41%, 13%
CMY	0.8706, 0.5922, 0.8706
CMYK	0.68, 0.00, 0.68, 0.59
HSL	120°, 52%, 27%
HSV	120°, 68%, 41%
XYZ	5.8520, 10.3338, 3.1250
YIQ	74.6770, -19.5250, -37.1330

Conversions

Conversions Part 2

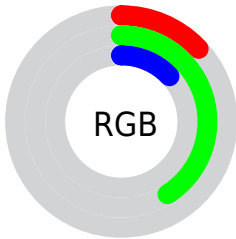
Format	Color
R_{YB}	33, 104, 104
Decimal	2189345
CIE Lab	38.43, -37.20, 32.62
CIE LCh	38, 49.474, 138.752
Yxy	10.3338, 0.3030, 0.5351
Android (android.graphics.Color)	4280379425 (0xFF216821)
YUV	74.6770, -20.5468, -36.5507
Hunter-Lab	32.1462, -23.7609, 16.7386

Details

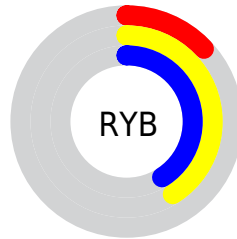
The Hex color **216821** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **682168**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **589C51**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **176817**, and if you desaturate by 10%, it is **2B682B**.

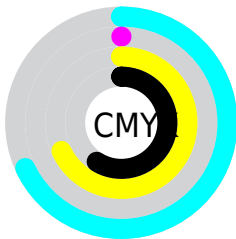
Distribution



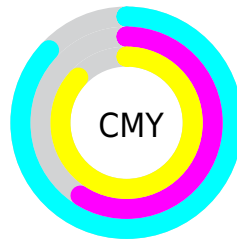
- Red (13%)
- Green (41%)
- Blue (13%)



- Red (13%)
- Yellow (41%)
- Blue (41%)



- Cyan (68%)
- Magenta (0%)
- Yellow (68%)
- Black (59%)




- Cyan (87%)
- Magenta (59%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216821 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 216821 by changing the saturation by 10% instead.

 216821

 216821

FFFFFF

 004F08

 589C51

 003800

 72B76A

 002400

 8DD384

 000000

 A9F09E

 C5FFB9

 E2FFD5

 FFFFF2

 216821

 216821

■ 176817

■ 2B682B

■ 0C680C

■ 366836

■ 026802

■ 406840

■ 006800

■ 4B684B

■ 556855

■ 5F685F

■ 6A686A

■ 746874

■ 7F687F

Harmonies

Analogous

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



566000



216821



006C49

Triad

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



216821



0064A9



A13243

Complementary

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



216821



682168

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.



9A336B



216821



3856A7

Square

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



216821



006B96



7B4490



95421E

Rectangle

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



216821



006D66



7B4490



A23050

Sweetspot

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



216821



6C876C



686821



344534



C4C4C4



454545

Same Dimension

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



216821



188718



216845



2E332E



007300



00F200

Inverse Universe

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



682168



871887



682145



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 216821 looks on a white background.

Color Contrast Check

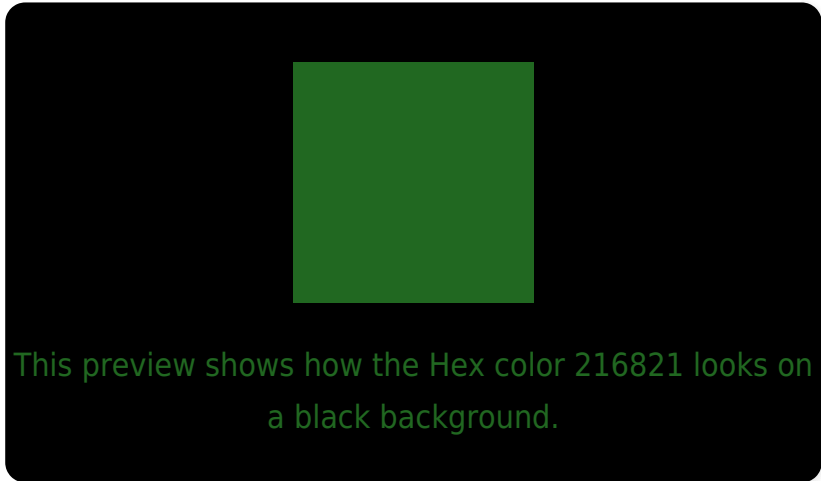
Large Text (above 18pt) WCAG AA ✓ Pass

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

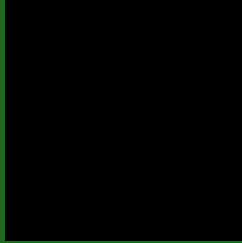
Any Text WCAG AA × Fail

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 216821 Background



This preview shows how black text looks on a background with the Hex color 216821.



This preview shows how white text looks on a background with the Hex color 216821.

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
216821

Protanopia
655A1D

Deuteranopia
705627



Tritanopia
346169

Trichromacy



Original Color
216821

Protanomaly
4C5F1E

Deuteranomaly
535D25

Tritanomaly
2D644F

Monochromacy



Original Color
216821

Achromatopsia
4B4B4B

Achromatomaly
3C563C

CSS Examples

Text

The CSS property to change the color of the text to Hex 216821 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 #216821 looks like.

```
.text, #text, p{  
    color:#216821  
}
```

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 #216821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216821
}
```

Border

The CSS property to change the border of an element to Hex 216821 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
#216821 }
```

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

```
.border{ border-color:#216821 }
```

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

Here you see how a box with a 4 pixel #216821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216821; -webkit-box-shadow:4px 4px  
4px 4px #216821; box-shadow:4px 4px 4px  
4px #216821 }
```

Background

The CSS property to change the background color of an element to Hex 216821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216821 }
```

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

```
.background{ background-color:#216821 }
```

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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