

# Converting Colors

Hex(216936)

Have a look what the booklet for  
Hex(216936) contains.

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# Color

Hex(216936)

# Conversions

## Conversions Part 1

Format	Color
Hex	216936
RGB	33, 105, 54
RGB Percent	13%, 41%, 21%
CMY	0.8706, 0.5882, 0.7882
CMYK	0.69, 0.00, 0.49, 0.59
HSL	138°, 52%, 27%
HSV	138°, 69%, 41%
XYZ	6.3446, 10.6928, 5.2196
YIQ	77.6580, -26.5410, -31.1250

# Conversions

## Conversions Part 2

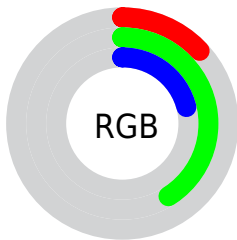
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 89, 105
Decimal	2189622
CIELab	39.06, -34.49, 22.27
CIELCh	39, 41.060, 147.146
Yxy	10.6928, 0.2851, 0.4804
Android (android.graphics.Color)	4280379702 (0xFF216936)
YUV	77.6580, -11.6634, -39.1651
Hunter-Lab	32.6999, -22.5912, 13.4261

# Details

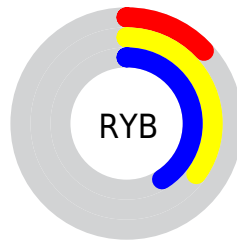
The Hex color **216936** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **692154**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **579D66**, and **003909** is the 20% darker color. If you saturate the color by 10%, you get **17692F**, and if you desaturate by 10%, it is **2B693D**.

# Distribution



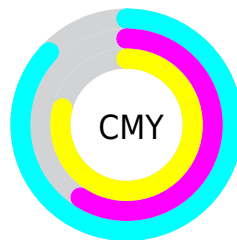
- Red (13%)
- Green (41%)
- Blue (21%)



- Red (13%)
- Yellow (35%)
- Blue (41%)



- Cyan (69%)
- Magenta (0%)
- Yellow (49%)
- Black (59%)




- Cyan (87%)
- Magenta (59%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 216936 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 216936 by changing the saturation by 10% instead.



 216936

 216936

FFFFFF

 005020

 579D66

 003909

 71B87F

 002400

 8CD499


 000000

 A8F1B4

 C4FFD0

 E0FFEC

FEFFFF

 216936

 216936

■ 17692F

■ 2B693D

■ 0C6927

■ 366945

■ 026920

■ 41694C

■ 00691F

■ 4B6954

■ 56695B

■ 606963

■ 6A696A

■ 756972

■ 806979

# Harmonies

## Analogous

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



50631B



216936



006C58

# Triad

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



216936



00619F



974040

# Complementary

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



216936



692154

# 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.



963D61



216936



575498

# Square

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



216936



006894



814681



894C24

# Rectangle

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



216936



006C6F



814681



993E4A



# Sweetspot

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



216936



6D8A75



556921



344539



C4C4C4



454545



# Same Dimension

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



216936



198A3A



216959



303632



007522



00F547



# Inverse Universe

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



692154



8A1969



692131



363034



750053

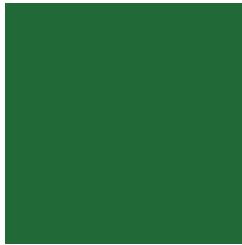


F500AD



# Previews

## White Background



This preview shows how the Hex color 216936 looks on a white background.

## Color Contrast Check

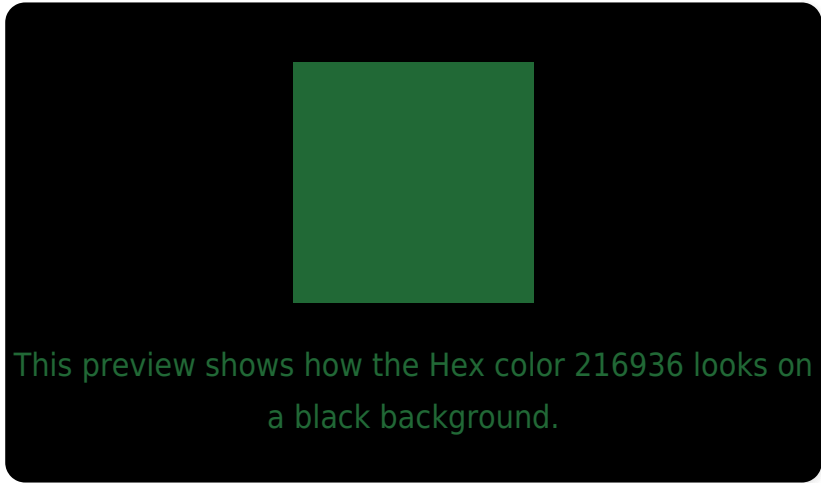
Large Text (above 18pt) WCAG AA ✓ Pass

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

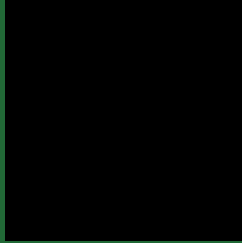
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 216936 Background



This preview shows how black text looks on a background with the Hex color 216936.



This preview shows how white text looks on a background with the Hex color 216936.

# 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**  
216936

**Protanopia**  
655C31

**Deuteranopia**  
6E573A



**Tritanopia**  
32636B

# Trichromacy



**Original Color**  
216936

**Protanomaly**  
4C6133

**Deuteranomaly**  
525E39

**Tritanomaly**  
2C6558

# Monochromacy



**Original Color**  
216936

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3E5845

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 216936 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 #216936 looks like.

```
.text, #text, p{  
    color:#216936  
}
```

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 #216936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216936
}
```

## Border

The CSS property to change the border of an element to Hex 216936 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
#216936 }
```

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

```
.border{ border-color:#216936 }
```

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

Here you see how a box with a 4 pixel #216936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216936; -webkit-box-shadow:4px 4px  
4px 4px #216936; box-shadow:4px 4px 4px  
4px #216936 }
```

# Background

The CSS property to change the background color of an element to Hex 216936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216936 }
```

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

```
.background{ background-color:#216936 }
```

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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