

# Converting Colors

Hex(215717)

Have a look what the booklet for  
Hex(215717) contains.

<b>Hex(215717)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(215717)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	215717
RGB	33, 87, 23
RGB Percent	13%, 34%, 9%
CMY	0.8706, 0.6588, 0.9098
CMYK	0.62, 0.00, 0.74, 0.66
HSL	111°, 58%, 22%
HSV	111°, 74%, 34%
XYZ	4.1900, 7.2016, 1.9798
YIQ	63.5580, -11.6400, -31.3520

# Conversions

## Conversions Part 2

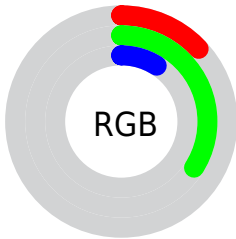
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>23, 87, 77</b>
Decimal	2184983
CIE <sub>Lab</sub>	32.26, -31.39, 30.62
CIE <sub>LCh</sub>	32, 43.852, 135.717
Yxy	7.2016, 0.3134, 0.5386
Android (android.graphics.Color)	4280375063 (0xFF215717)
YUV	63.5580, -19.9951, -26.7994
Hunter-Lab	26.8358, -19.0922, 14.4109

# Details

The Hex color **215717** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4D1757**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **548A46**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **1A570E**, and if you desaturate by 10%, it is **285720**.

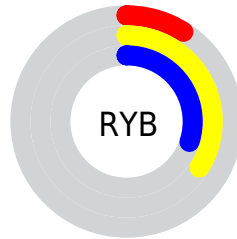
# Distribution



Red (13%)

Green (34%)

Blue (9%)



Red (9%)

Yellow (34%)

Blue (30%)

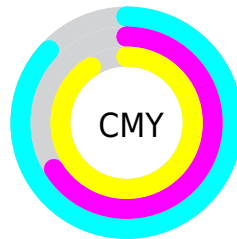


Cyan (62%)

Magenta (0%)

Yellow (74%)

Black (66%)



Cyan (87%)

Magenta (66%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 215717 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 215717 by changing the saturation by 10% instead.





215717



215717

FFFFFF



033F00



548A46



002900



6EA45E



000F00



89BF78



000000



A4DB92



C0F8AD



DCFFC8



F9FFE4



215717



215717

■ 1A570E

■ 285720

■ 125706

■ 305728

■ 0E5700

■ 375731

■ 3E573A

■ 465743

■ 4D574B

■ 545754

■ 5C575D

■ 635765

# Harmonies

## Analogous

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



4B5000



215717



005B3A

# Triad

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



215717



00558F



89293B

# Complementary

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



215717



4D1757

# 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.



812B5E



215717



244A8F

# Square

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



215717



005A7D



643A7C



80351B

# Rectangle

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



215717



005C52



643A7C



892747



# Sweetspot

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



215717



5B7058



574C17



2C382A



B8B8B8



383838



# Same Dimension

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



215717



1D700D



17572C



282B27



116B00



25EB00



# Inverse Universe

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



4D1757



610D70



571742



2B272B



5A006B

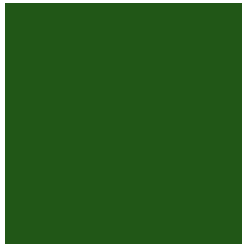


C600EB



# Previews

## White Background



This preview shows how the Hex color 215717 looks on a white background.

## Color Contrast Check

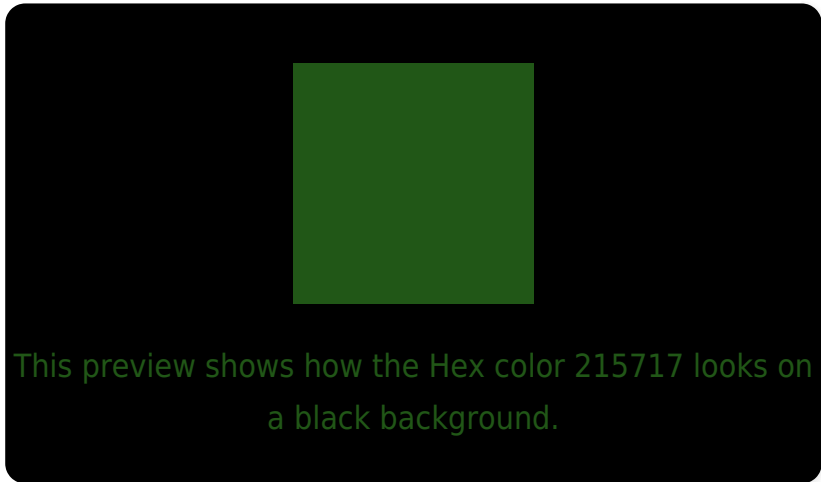
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

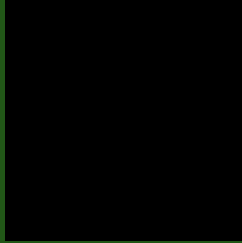
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 215717 Background



This preview shows how black text looks on a background with the Hex color 215717.



This preview shows how white text looks on a background with the Hex color 215717.

# 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**  
215717

**Protanopia**  
554C14

**Deuteranopia**  
5E481D



# Trichromacy



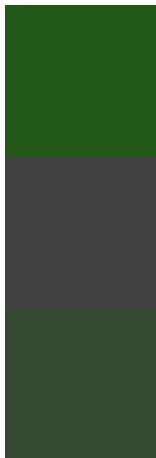
**Original Color**  
215717

**Protanomaly**  
425015

**Deuteranomaly**  
484D1B

**Tritanomaly**  
2A5340

# Monochromacy



**Original Color**  
215717

**Achromatopsia**  
404040

**Achromatomaly**  
354831

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 215717 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 #215717 looks like.

```
.text, #text, p{  
    color:#215717  
}
```

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 #215717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #215717
}
```

## Border

The CSS property to change the border of an element to Hex 215717 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".

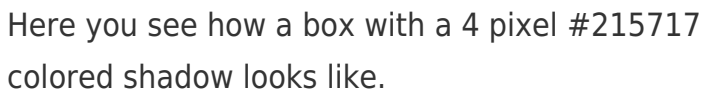
```
.border, #border, table{ border:4px solid
#215717 }
```

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

```
.border{ border-color:#215717 }
```

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

Here you see how a box with a 4 pixel #215717 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #215717; -webkit-box-shadow:4px 4px  
4px 4px #215717; box-shadow:4px 4px 4px  
4px #215717 }
```

# Background

The CSS property to change the background color of an element to Hex 215717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#215717 }
```

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

```
.background{ background-color:#215717 }
```

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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