

Converting Colors

Hex(217153)

Have a look what the booklet for
Hex(217153) contains.

Hex(217153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(217153)

Conversions

Conversions Part 1

Format	Color
Hex	217153
RGB	33, 113, 83
RGB Percent	13%, 44%, 33%
CMY	0.8706, 0.5569, 0.6745
CMYK	0.71, 0.00, 0.27, 0.56
HSL	158°, 55%, 29%
HSV	158°, 71%, 44%
XYZ	8.0937, 12.7581, 10.2196
YIQ	85.6600, -38.0500, -26.2900

Conversions

Conversions Part 2

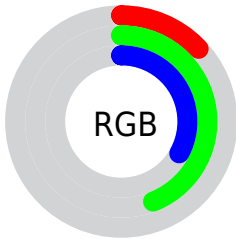
Format	Color
R_{YB}	33, 82, 113
Decimal	2191699
CIE _{Lab}	42.40, -31.73, 9.79
CIE _{LCh}	42, 33.211, 162.851
Yxy	12.7581, 0.2605, 0.4106
Android (android.graphics.Color)	4280381779 (0xFF217153)
YUV	85.6600, -1.3114, -46.1828
Hunter-Lab	35.7185, -22.0601, 8.0392

Details

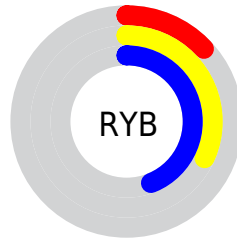
The Hex color **217153** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **71213F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **59A585**, and **004026** is the 20% darker color. If you saturate the color by 10%, you get **16714F**, and if you desaturate by 10%, it is **2C7157**.

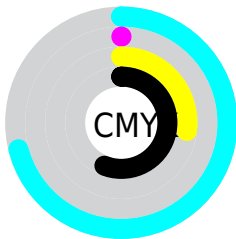
Distribution



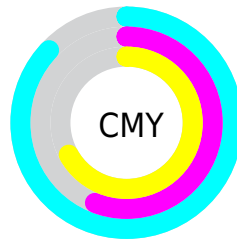
- Red (13%)
- Green (44%)
- Blue (33%)



- Red (13%)
- Yellow (32%)
- Blue (44%)



- Cyan (71%)
- Magenta (0%)
- Yellow (27%)
- Black (56%)




- Cyan (87%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217153 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 217153 by changing the saturation by 10% instead.

 217153

 217153

FFFFFF

 00583C

 59A585

 004026

 73C19F

 002A12

 8FDDBA


 000F00

 AAFAD5

 000000

 C7FFF2

 E3FFFF

 217153

 217153

 16714F

 2C7157

■ 0A714B

■ 38715B

■ 007147

■ 437160

■ 4E7164

■ 5A7168

■ 65716C

■ 707171

■ 7B7175

■ 877179

Harmonies

Analogous

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



4B6D3B



217153



00726F

Triad

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



217153



4C6399



935340

Complementary

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



217153



71213F

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.



984D59



217153



76588C

Square

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



217153



006B98



8F4F75



825D2F

Rectangle

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



217153



007181



8F4F75



965148

Sweetspot

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



217153



759488



407121



374A43



C9C9C9



4A4A4A

Same Dimension

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



217153



169465



216871



323836



00784B



00F79B

Inverse Universe

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



71213F



941645



712A21



383235



78002D



F7005D

Previews

White Background



This preview shows how the Hex color 217153 looks on a white background.

Color Contrast Check

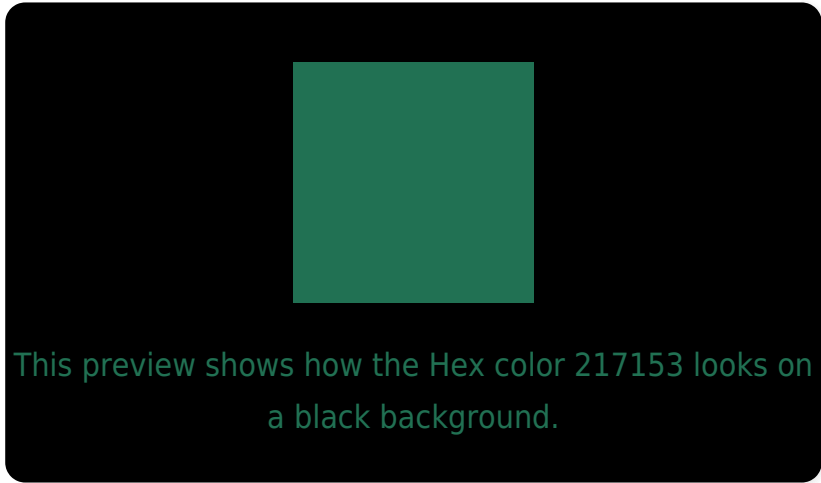
Large Text (above 18pt) WCAG AA ✓ Pass

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

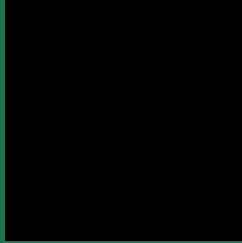
Any Text WCAG AA × Fail

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 217153 Background



This preview shows how black text looks on a background with the Hex color 217153.



This preview shows how white text looks on a background with the Hex color 217153.

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
217153

Protanopia
6A634D

Deuteranopia
726057



Tritanopia
306D75

Trichromacy



Original Color
217153

Protanomaly
4F684F

Deuteranomaly
556656

Tritanomaly
2B6E69

Monochromacy



Original Color
217153

Achromatopsia
565656

Achromatomaly
436055

CSS Examples

Text

The CSS property to change the color of the text to Hex 217153 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 #217153 looks like.

```
.text, #text, p{  
    color:#217153  
}
```

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 #217153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217153  
}
```

Border

The CSS property to change the border of an element to Hex 217153 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  
#217153 }
```

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

```
.border{ border-color:#217153 }
```

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

Here you see how a box with a 4 pixel #217153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217153; -webkit-box-shadow:4px 4px  
4px 4px #217153; box-shadow:4px 4px 4px  
4px #217153 }
```

Background

The CSS property to change the background color of an element to Hex 217153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217153 }
```

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

```
.background{ background-color:#217153 }
```

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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