

Converting Colors

Hex(214C19)

Have a look what the booklet for
Hex(214C19) contains.

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Color

Hex(214C19)

Conversions

Conversions Part 1

Format	Color
Hex	214C19
RGB	33, 76, 25
RGB Percent	13%, 30%, 10%
CMY	0.8706, 0.7020, 0.9020
CMYK	0.57, 0.00, 0.67, 0.70
HSL	111°, 50%, 20%
HSV	111°, 67%, 30%
XYZ	3.3871, 5.5624, 1.8148
YIQ	57.3290, -9.2570, -24.9770

Conversions

Conversions Part 2

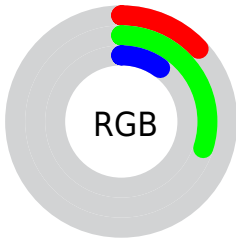
Format	Color
RYB	25, 76, 68
Decimal	2182169
CIELab	28.28, -26.33, 25.26
CIELCh	28, 36.483, 136.187
Yxy	5.5624, 0.3147, 0.5167
Android (android.graphics.Color)	4280372249 (0xFF214C19)
YUV	57.3290, -15.9382, -21.3365
Hunter-Lab	23.5847, -15.6381, 11.9470

Details

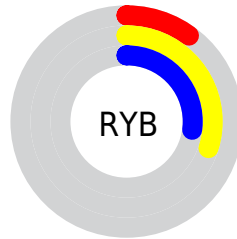
The Hex color **214C19** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **44194C**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **527D46**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **1B4C11**, and if you desaturate by 10%, it is **274C21**.

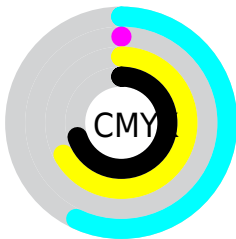
Distribution



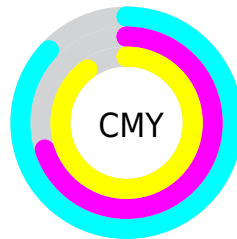
- Red (13%)
- Green (30%)
- Blue (10%)



- Red (10%)
- Yellow (30%)
- Blue (27%)



- Cyan (57%)
- Magenta (0%)
- Yellow (67%)
- Black (70%)




- Cyan (87%)
- Magenta (70%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214C19 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 214C19 by changing the saturation by 10% instead.

 214C19

 214C19

FFFFFF

 073500

 527D46

 002100

 6B985F

 000000

 85B278

 A0CE92

 BBAAAC

 D8FFC8

 F4FFE4

 214C19

 214C19

■ 1B4C11

■ 274C21

■ 144C0A

■ 2E4C28

■ 0E4C02

■ 344C30

■ 0C4C00

■ 3B4C37

■ 414C3F

■ 474C47

■ 4E4C4E

■ 544C56

■ 5B4C5D

Harmonies

Analogous

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



424604



214C19



004F34

Triad

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



214C19



004A79



752835

Complementary

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



214C19



44194C

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.



6F2951



214C19



284179

Square

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



214C19



004E6B



57346A



6E311B

Rectangle

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



214C19



005048



57346A



75273E

Sweetspot

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



214C19



536350



4C4419



293327



B3B3B3



333333

Same Dimension

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



214C19



206313



194C2A



232622



106600



24E600

Inverse Universe

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



44194C



571363



4C193B



262226



560066



C100E6

Previews

White Background



This preview shows how the Hex color 214C19 looks on a white background.

Color Contrast Check

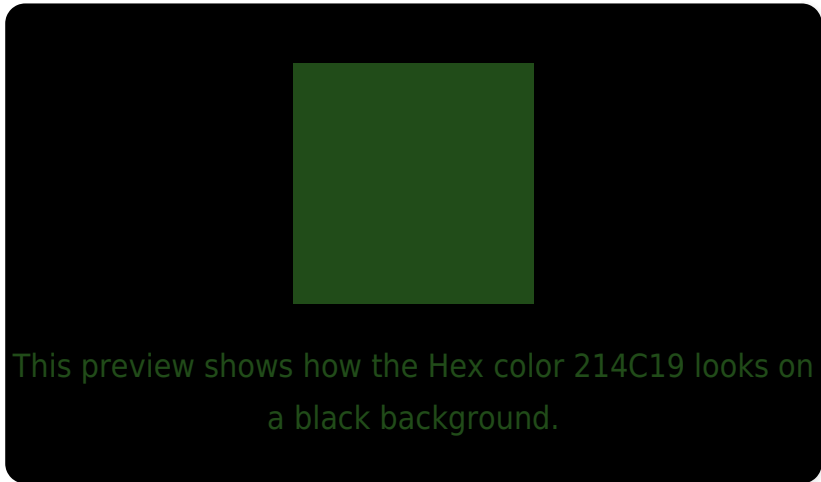
Large Text (above 18pt) WCAG AA ✓ Pass

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

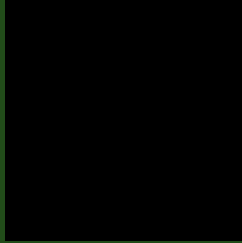
Any Text WCAG AA × Fail

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 214C19 Background



This preview shows how black text looks on a background with the Hex color 214C19.



This preview shows how white text looks on a background with the Hex color 214C19.

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](#).

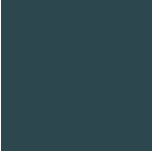
Dichromacy



Original Color
214C19

Protanopia
4B4316

Deuteranopia
533F1D



Tritanopia
2C474D

Trichromacy



Original Color
214C19

Protanomaly
3C4617

Deuteranomaly
41441C

Tritanomaly
28493A

Monochromacy



Original Color
214C19

Achromatopsia
393939

Achromatomaly
30402D

CSS Examples

Text

The CSS property to change the color of the text to Hex 214C19 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 #214C19 looks like.

```
.text, #text, p{  
    color:#214C19  
}
```

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 #214C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214C19
}
```

Border

The CSS property to change the border of an element to Hex 214C19 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
#214C19 }
```

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

```
.border{ border-color:#214C19 }
```

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

Here you see how a box with a 4 pixel #214C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214C19; -webkit-box-shadow:4px 4px  
4px 4px #214C19; box-shadow:4px 4px 4px  
4px #214C19 }
```

Background

The CSS property to change the background color of an element to Hex 214C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214C19 }
```

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

```
.background{ background-color:#214C19 }
```

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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