

Converting Colors

Hex(214D17)

Have a look what the booklet for
Hex(214D17) contains.

Hex(214D17)	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(214D17)

Conversions

Conversions Part 1

Format	Color
Hex	214D17
RGB	33, 77, 23
RGB Percent	13%, 30%, 9%
CMY	0.8706, 0.6980, 0.9098
CMYK	0.57, 0.00, 0.70, 0.70
HSL	109°, 54%, 20%
HSV	109°, 70%, 30%
XYZ	3.4357, 5.6929, 1.7284
YIQ	57.6880, -8.8900, -26.1220

Conversions

Conversions Part 2

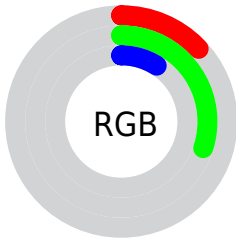
Format	Color
RYB	23, 77, 67
Decimal	2182423
CIELab	28.62, -27.02, 26.67
CIElCh	29, 37.971, 135.373
Yxy	5.6929, 0.3165, 0.5244
Android (android.graphics.Color)	4280372503 (0xFF214D17)
YUV	57.6880, -17.1012, -21.6514
Hunter-Lab	23.8599, -16.0515, 12.4070

Details

The Hex color **214D17** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43174D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **527F45**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **1B4D0F**, and if you desaturate by 10%, it is **274D1F**.

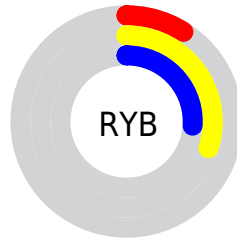
Distribution



Red (13%)

Green (30%)

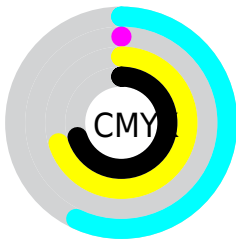
Blue (9%)



Red (9%)

Yellow (30%)

Blue (26%)

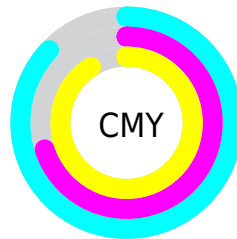


Cyan (57%)

Magenta (0%)

Yellow (70%)

Black (70%)



Cyan (87%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214D17 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 214D17 by changing the saturation by 10% instead.

 214D17

 214D17

FFFFFF

 073600

 527F45

 002100

 6C995D

 000000


 86B476


 A1CF90

 BCECAB

 D8FFC6

 F5FFE2

 214D17

 214D17

■ 1B4D0F

■ 274D1F

■ 144D08

■ 2E4D26

■ 0E4D00

■ 344D2E

■ 3A4D36

■ 404D3E

■ 474D45

■ 4D4D4D

■ 534D55

■ 594D5C

Harmonies

Analogous

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



444701



214D17



005034

Triad

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



214D17



004B7C



782736

Complementary

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



214D17



43174D

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.



712953



214D17



24427C

Square

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



214D17



00506D



58356D



70301B

Rectangle

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



214D17



005148



58356D



77263F

Sweetspot

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



214D17



52634F



4D4217



293326



B3B3B3



333333

Same Dimension

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



214D17



1F6310



174D27



232622



136600



2AE600

Inverse Universe

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



43174D



541063



4D173D



262226



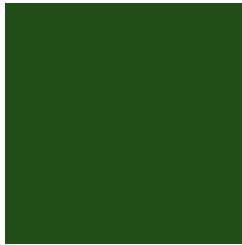
530066



BB00E6

Previews

White Background



This preview shows how the Hex color 214D17 looks on a white background.

Color Contrast Check

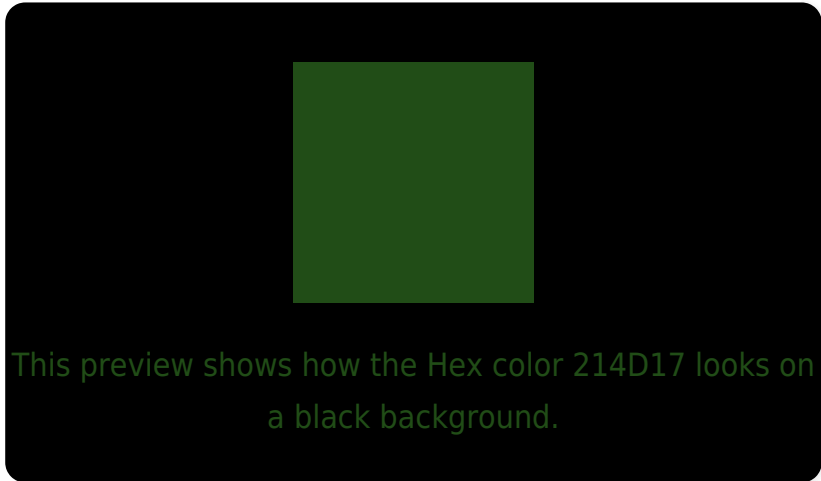
Large Text (above 18pt) WCAG AA ✓ Pass

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

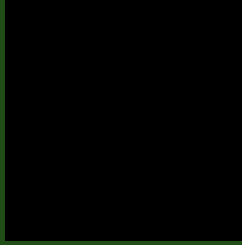
Any Text WCAG AA × Fail

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 214D17 Background



This preview shows how black text looks on a background with the Hex color 214D17.



This preview shows how white text looks on a background with the Hex color 214D17.

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
214D17

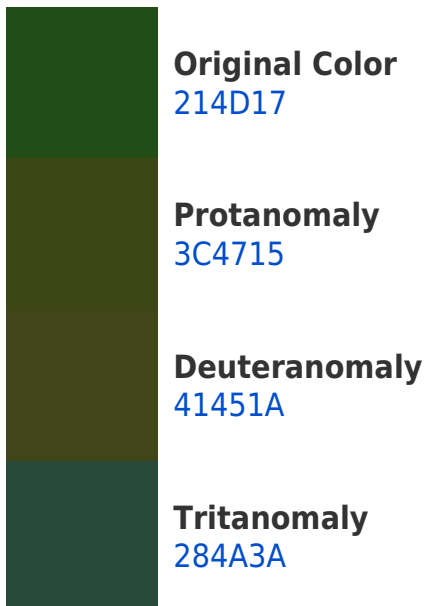
Protanopia
4C4414

Deuteranopia
54401C

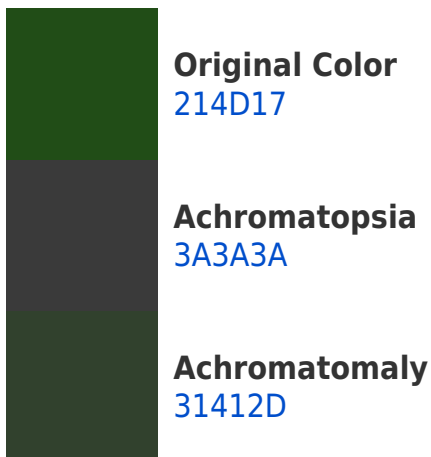


Tritanopia
2C484E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 214D17 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 #214D17 looks like.

```
.text, #text, p{  
    color:#214D17  
}
```

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 #214D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214D17  
}
```

Border

The CSS property to change the border of an element to Hex 214D17 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  
#214D17 }
```

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

```
.border{ border-color:#214D17 }
```

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

Here you see how a box with a 4 pixel #214D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214D17; -webkit-box-shadow:4px 4px  
4px 4px #214D17; box-shadow:4px 4px 4px  
4px #214D17 }
```

Background

The CSS property to change the background color of an element to Hex 214D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214D17 }
```

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

```
.background{ background-color:#214D17 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor