

Converting Colors

Hex(214611)

Have a look what the booklet for
Hex(214611) contains.

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Color

Hex(214611)

Conversions

Conversions Part 1

Format	Color
Hex	214611
RGB	33, 70, 17
RGB Percent	13%, 27%, 7%
CMY	0.8706, 0.7255, 0.9333
CMYK	0.53, 0.00, 0.76, 0.73
HSL	102°, 61%, 17%
HSV	102°, 76%, 27%
XYZ	2.9185, 4.7441, 1.2922
YIQ	52.8950, -5.0390, -24.3270

Conversions

Conversions Part 2

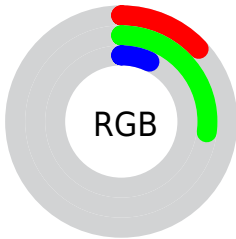
Format	Color
RYB	17, 70, 54
Decimal	2180625
CIELab	25.99, -24.43, 26.78
CIELCh	26, 36.252, 132.374
Yxy	4.7441, 0.3259, 0.5298
Android (android.graphics.Color)	4280370705 (0xFF214611)
YUV	52.8950, -17.6962, -17.4479
Hunter-Lab	21.7810, -14.1987, 11.7292

Details

The Hex color **214611** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **361146**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **51773E**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **1C460A**, and if you desaturate by 10%, it is **264618**.

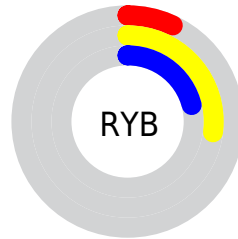
Distribution



Red (13%)

Green (27%)

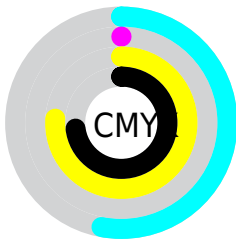
Blue (7%)



Red (7%)

Yellow (27%)

Blue (21%)

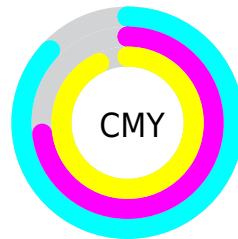


Cyan (53%)

Magenta (0%)

Yellow (76%)

Black (73%)



Cyan (87%)

Magenta (73%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214611 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 214611 by changing the saturation by 10% instead.

 214611

 214611

 FFFFF7

 0B2F00

 51773E

 001D00

 6B9156

 000000

 84AB6F

 9FC789

 BAE3A3

 D7FFBF

 F3FFDB

 214611

 214611

■ 1C460A

■ 264618

■ 174603

■ 2B461F

■ 154600

■ 304626

■ 35462D

■ 394634

■ 3E463B

■ 434642

■ 484649

■ 4D4650

Harmonies

Analogous

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



404000



214611



00492C

Triad

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



214611



004572



6F2233

Complementary

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



214611



361146

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.



67254F



214611



163D74

Square

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



214611



004962



4D3167



692A19

Rectangle

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



214611



004A3F



4D3167



6E213D

Sweetspot

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



214611



4D5C47



463511



252E21



ADADAD



2E2E2E

Same Dimension

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



214611



215C08



11461B



212420



1E6300



45E300

Inverse Universe

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



361146



43085C



46113C



232024



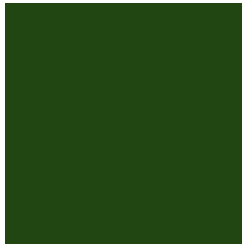
450063



9E00E3

Previews

White Background



This preview shows how the Hex color 214611 looks on a white background.

Color Contrast Check

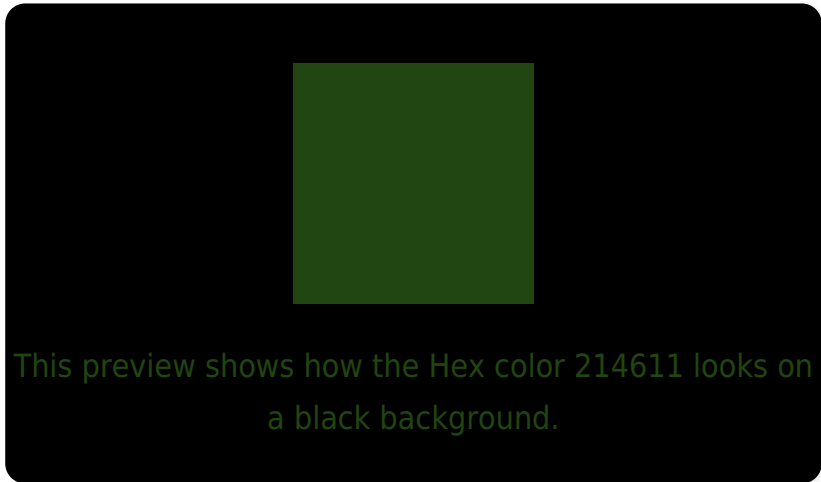
Large Text (above 18pt) WCAG AA ✓ Pass

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

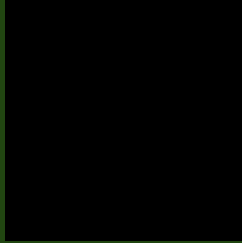
Any Text WCAG AA × Fail

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 214611 Background



This preview shows how black text looks on a background with the Hex color 214611.



This preview shows how white text looks on a background with the Hex color 214611.

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
214611

Protanopia
453E0F

Deuteranopia
4D3A16



Tritanopia
2B4147

Trichromacy



Original Color
214611

Protanomaly
384110

Deuteranomaly
3D3E14

Tritanomaly
274333

Monochromacy



Original Color
214611

Achromatopsia
353535

Achromatomaly
2E3B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 214611 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 #214611 looks like.

```
.text, #text, p{  
    color:#214611  
}
```

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 #214611 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214611
}
```

Border

The CSS property to change the border of an element to Hex 214611 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
#214611 }
```

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

```
.border{ border-color:#214611 }
```

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

Here you see how a box with a 4 pixel #214611 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214611; -webkit-box-shadow:4px 4px  
4px 4px #214611; box-shadow:4px 4px 4px  
4px #214611 }
```

Background

The CSS property to change the background color of an element to Hex 214611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214611 }
```

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

```
.background{ background-color:#214611 }
```

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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