

Converting Colors

Hex(214A06)

Have a look what the booklet for
Hex(214A06) contains.

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Color

Hex(214A06)

Conversions

Conversions Part 1

Format	Color
Hex	214A06
RGB	33, 74, 6
RGB Percent	13%, 29%, 2%
CMY	0.8706, 0.7098, 0.9765
CMYK	0.55, 0.00, 0.92, 0.71
HSL	96°, 85%, 16%
HSV	96°, 92%, 29%
XYZ	3.1089, 5.2340, 1.0187
YIQ	53.9890, -2.6080, -29.8400

Conversions

Conversions Part 2

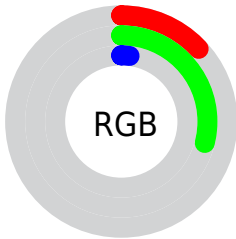
Format	Color
RYB	6, 74, 47
Decimal	2181638
CIELab	27.39, -27.13, 32.67
CIELCh	27, 42.465, 129.706
Yxy	5.2340, 0.3321, 0.5591
Android (android.graphics.Color)	4280371718 (0xFF214A06)
YUV	53.9890, -23.6586, -18.4074
Hunter-Lab	22.8780, -15.7805, 13.3746

Details

The Hex color **214A06** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2F064A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **537B37**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **1D4A00**, and if you desaturate by 10%, it is **254A0D**.

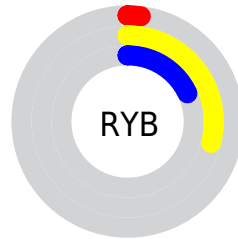
Distribution



Red (13%)

Green (29%)

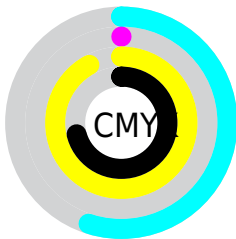
Blue (2%)



Red (2%)

Yellow (29%)

Blue (18%)

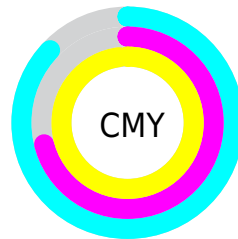


Cyan (55%)

Magenta (0%)

Yellow (92%)

Black (71%)



Cyan (87%)

Magenta (71%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214A06 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 214A06 by changing the saturation by 10% instead.

 214A06

 214A06

 FFFFEF

 093300

 537B37

 002000

 6C954F

 000000


 86B068

 A1CC81

 BDE89C

 D9FFB7

 F6FFD3

 214A06

 214A06

■ 1D4A00

■ 254A0D

■ 2A4A15

■ 2E4A1C

■ 334A24

■ 374A2B

■ 3C4A32

■ 404A3A

■ 454A41

■ 494A49

Harmonies

Analogous

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



464300



214A06



004E29

Triad

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



214A06



004A7E



7A1C38

Complementary

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



214A06



2F064A

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.



6F2258



214A06



004181

Square

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



214A06



004E6A



4F3373



742718

Rectangle

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



214A06



004F3F



4F3373



781C42

Sweetspot

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



214A06



516146



4A2F06



273020



B0B0B0



303030

Same Dimension

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



214A06



266100



064A0D



242622



286600



5BE600

Inverse Universe

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



2F064A



3A0061



4A0643



252226



3E0066



8A00E6

Previews

White Background



This preview shows how the Hex color 214A06 looks on a white background.

Color Contrast Check

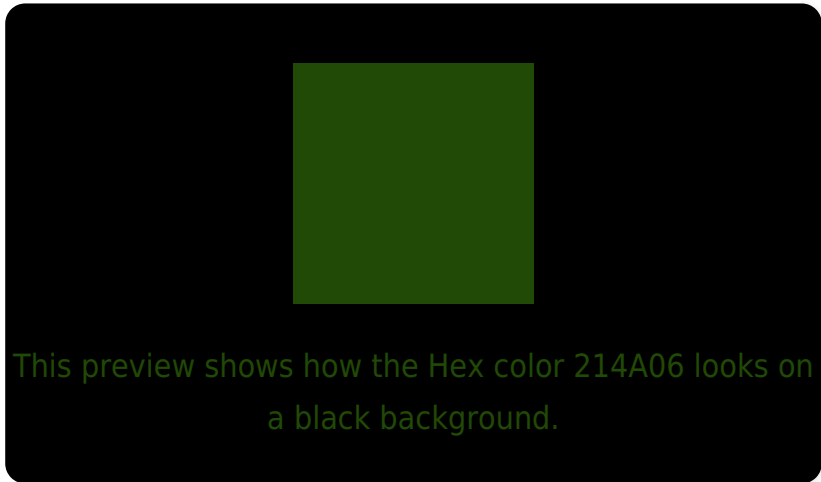
Large Text (above 18pt) WCAG AA ✓ Pass

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

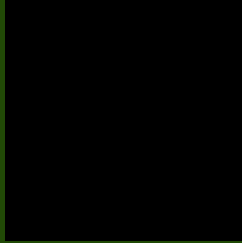
Any Text WCAG AA × Fail

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 214A06 Background



This preview shows how black text looks on a background with the Hex color 214A06.



This preview shows how white text looks on a background with the Hex color 214A06.

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](#).

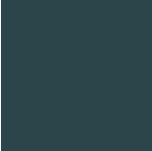
Dichromacy



Original Color
214A06

Protanopia
494100

Deuteranopia
513D10



Tritanopia
2C454A

Trichromacy



Original Color
214A06

Protanomaly
3A4402

Deuteranomaly
40420C

Tritanomaly
284731

Monochromacy



Original Color
214A06

Achromatopsia
363636

Achromatomaly
2E3D25

CSS Examples

Text

The CSS property to change the color of the text to Hex 214A06 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 #214A06 looks like.

```
.text, #text, p{  
    color:#214A06  
}
```

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 #214A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214A06
}
```

Border

The CSS property to change the border of an element to Hex 214A06 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
#214A06 }
```

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

```
.border{ border-color:#214A06 }
```

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

Here you see how a box with a 4 pixel #214A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214A06; -webkit-box-shadow:4px 4px  
4px 4px #214A06; box-shadow:4px 4px 4px  
4px #214A06 }
```

Background

The CSS property to change the background color of an element to Hex 214A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214A06 }
```

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

```
.background{ background-color:#214A06 }
```

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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