

Converting Colors

Hex(214012)

Have a look what the booklet for
Hex(214012) contains.

Hex(214012)	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(214012)

Conversions

Conversions Part 1

Format	Color
Hex	214012
RGB	33, 64, 18
RGB Percent	13%, 25%, 7%
CMY	0.8706, 0.7490, 0.9294
CMYK	0.48, 0.00, 0.72, 0.75
HSL	100°, 56%, 16%
HSV	100°, 72%, 25%
XYZ	2.5698, 4.0338, 1.2154
YIQ	49.4870, -3.7100, -20.8780

Conversions

Conversions Part 2

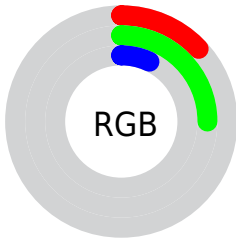
Format	Color
RYB	18, 64, 49
Decimal	2179090
CIELab	23.78, -21.41, 23.89
CIELCh	24, 32.082, 131.862
Yxy	4.0338, 0.3287, 0.5159
Android (android.graphics.Color)	4280369170 (0xFF214012)
YUV	49.4870, -15.5231, -14.4591
Hunter-Lab	20.0843, -12.3086, 10.4710

Details

The Hex color **214012** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **311240**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **50703F**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **1D400C**, and if you desaturate by 10%, it is **254018**.

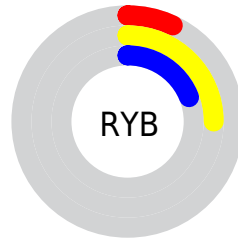
Distribution



Red (13%)

Green (25%)

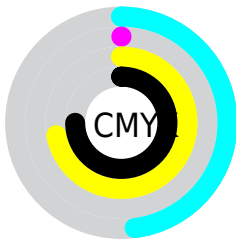
Blue (7%)



Red (7%)

Yellow (25%)

Blue (19%)

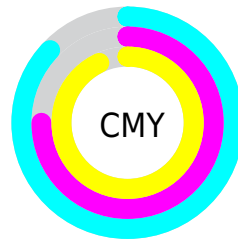


Cyan (48%)

Magenta (0%)

Yellow (72%)

Black (75%)



Cyan (87%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214012 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 214012 by changing the saturation by 10% instead.

 214012

 214012

 FFFFF7

 0D2A00

 50703F

 001600

 698A56

 000000

 83A46F

 9DBF89

 B9DBA3

 D5F8BE

 F1FFDA

 214012

 214012

■ 1D400C

■ 254018

■ 184005

■ 2A401F

■ 154000

■ 2E4025

■ 32402C

■ 374032

■ 3B4038

■ 3F403F

■ 444045

■ 48404C

Harmonies

Analogous

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



3C3A03



214012



004329

Triad

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



214012



003F66



642130

Complementary

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



214012



311240

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.



5C2448



214012



183868

Square

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



214012



004358



462E5D



5F281A

Rectangle

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



214012



004439



462E5D



632138

Sweetspot

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



214012



485442



403112



242B20



ABABAB



2B2B2B

Same Dimension

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



214012



23540C



12401A



1F211E



206100



49E000

Inverse Universe

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



311240



3D0C54



401238



201E21



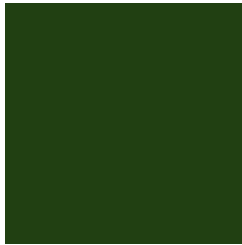
410061



9700E0

Previews

White Background



This preview shows how the Hex color 214012 looks on a white background.

Color Contrast Check

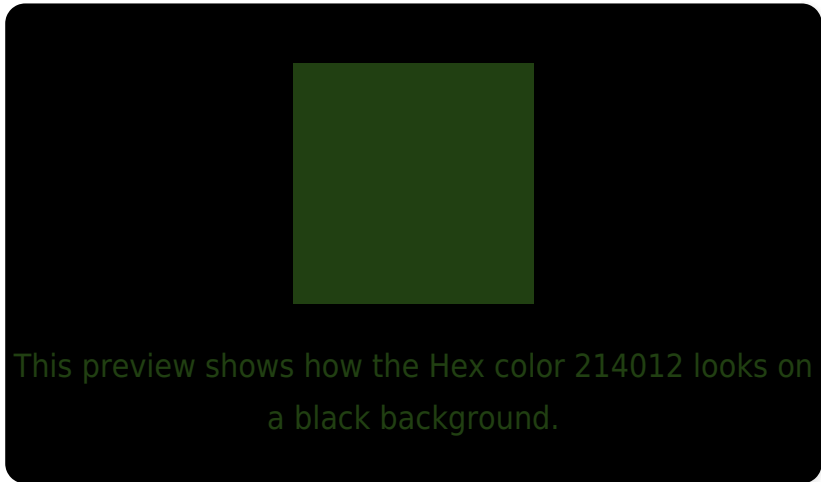
Large Text (above 18pt) WCAG AA ✓ Pass

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

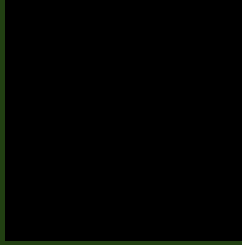
Any Text WCAG AA × Fail

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 214012 Background



This preview shows how black text looks on a background with the Hex color 214012.



This preview shows how white text looks on a background with the Hex color 214012.

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
214012

Protanopia
3F3910

Deuteranopia
463616



Tritanopia
293C41

Trichromacy



Original Color
214012

Protanomaly
343C11

Deuteranomaly
393A15

Tritanomaly
263D30

Monochromacy



Original Color
214012

Achromatopsia
313131

Achromatomaly
2B3626

CSS Examples

Text

The CSS property to change the color of the text to Hex 214012 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 #214012 looks like.

```
.text, #text, p{  
    color:#214012  
}
```

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 #214012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214012
}
```

Border

The CSS property to change the border of an element to Hex 214012 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
#214012 }
```

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

```
.border{ border-color:#214012 }
```

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

Here you see how a box with a 4 pixel #214012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214012; -webkit-box-shadow:4px 4px  
4px 4px #214012; box-shadow:4px 4px 4px  
4px #214012 }
```

Background

The CSS property to change the background color of an element to Hex 214012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214012 }
```

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

```
.background{ background-color:#214012 }
```

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