

Converting Colors

Hex(214321)

Have a look what the booklet for
Hex(214321) contains.

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Color

Hex(214321)

Conversions

Conversions Part 1

Format	Color
Hex	214321
RGB	33, 67, 33
RGB Percent	13%, 26%, 13%
CMY	0.8706, 0.7373, 0.8706
CMYK	0.51, 0.00, 0.51, 0.74
HSL	120°, 34%, 20%
HSV	120°, 51%, 26%
XYZ	2.9089, 4.4474, 2.1440
YIQ	52.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

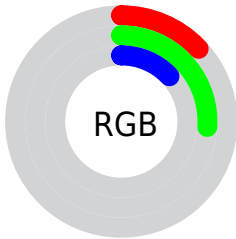
Format	Color
R_{YB}	33, 67, 67
Decimal	2179873
CIE _{Lab}	25.10, -20.75, 16.85
CIE _{LCh}	25, 26.733, 140.919
Y _{xy}	4.4474, 0.3062, 0.4681
Android (android.graphics.Color)	4280369953 (0xFF214321)
YUV	52.9580, -9.8393, -17.5032
Hunter-Lab	21.0890, -12.2846, 8.7347




Details

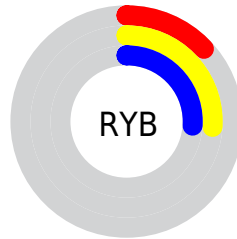
The Hex color **214321** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **432143**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **50734E**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **1A431A**, and if you desaturate by 10%, it is **284328**.

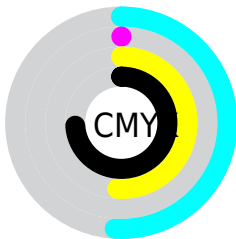
Distribution







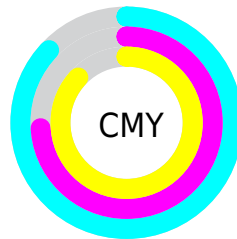
-  Red (13%)
-  Green (26%)
-  Blue (13%)






-  Red (13%)
-  Yellow (26%)
-  Blue (26%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (51%)
-  Black (74%)



-  Cyan (87%)
-  Magenta (74%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 214321 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 214321 by changing the saturation by 10% instead.

 214321

 214321

FFFFFF

 0A2C0B

 50734E

 001A00

 698D66

 000000


 82A87F

 9DC399

 B8DFB4

 D4FCD0

 F0FFEC

 214321

 214321

■ 1A431A

■ 284328

■ 144314

■ 2E432E

■ 0D430D

■ 354335

■ 064306

■ 3C433C

■ 004300

■ 434343

■ 494349

■ 504350

■ 574357

■ 5D435D

Harmonies

Analogous

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



393F14



214321



004534

Triad

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



214321



004063



612B2E

Complementary

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



214321



432143

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.



5E2B43



214321



323961

Square

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



214321



00445A



4E3155



5A311D

Rectangle

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



214321



004643



4E3155



612A35

Sweetspot

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



214321



4A574A



434321



242B24



ABABAB



2B2B2B

Same Dimension

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



214321



225722



214332



1E211E



006100



00E000

Inverse Universe

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



432143



572257



432132



211E21



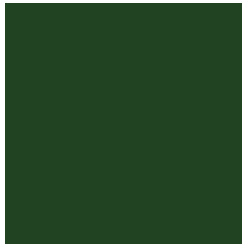
610061



E000E0

Previews

White Background



This preview shows how the Hex color 214321 looks on a white background.

Color Contrast Check

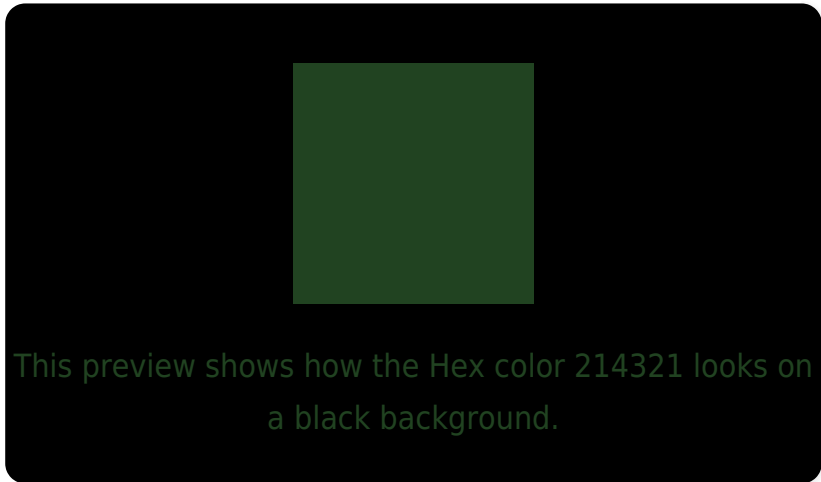
Large Text (above 18pt) WCAG AA ✓ Pass

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

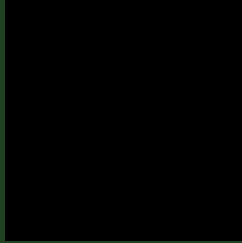
Any Text WCAG AA × Fail

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 214321 Background



This preview shows how black text looks on a background with the Hex color 214321.



This preview shows how white text looks on a background with the Hex color 214321.

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](#).

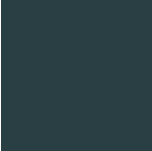
Dichromacy



Original Color
214321

Protanopia
423B1E

Deuteranopia
483924



Tritanopia
293F44

Trichromacy



Original Color
214321

Protanomaly
363E1F

Deuteranomaly
3A3D23

Tritanomaly
264037

Monochromacy



Original Color
214321

Achromatopsia
353535

Achromatomaly
2E3A2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 214321 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 #214321 looks like.

```
.text, #text, p{  
  color:#214321  
}
```

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 #214321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #214321
}
```

Border

The CSS property to change the border of an element to Hex 214321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

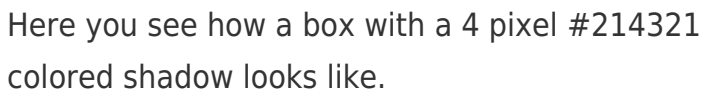
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#214321 }
```

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

```
.border{ border-color:#214321 }
```

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



Here you see how a box with a 4 pixel #214321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #214321; -webkit-box-shadow:4px 4px  
4px 4px #214321; box-shadow:4px 4px 4px  
4px #214321 }
```

Background

The CSS property to change the background color of an element to Hex 214321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#214321 }
```

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

```
.background{ background-color:#214321 }
```

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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