

Converting Colors

Hex(213000)

Have a look what the booklet for
Hex(213000) contains.

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Color

Hex(213000)

Conversions

Conversions Part 1

Format	Color
Hex	213000
RGB	33, 48, 0
RGB Percent	13%, 19%, 0%
CMY	0.8706, 0.8118, 1.0000
CMYK	0.31, 0.00, 1.00, 0.81
HSL	79°, 100%, 9%
HSV	79°, 100%, 19%
XYZ	1.6842, 2.4372, 0.3817
YIQ	38.0430, 6.4680, -18.1080

Conversions

Conversions Part 2

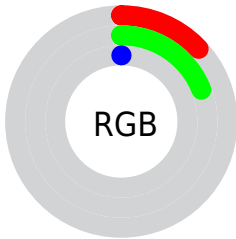
Format	Color
RYB	0, 48, 15
Decimal	2174976
CIELab	17.63, -14.62, 24.94
CIELCh	18, 28.908, 120.369
Yxy	2.4372, 0.3740, 0.5412
Android (android.graphics.Color)	4280365056 (0xFF213000)
YUV	38.0430, -18.7552, -4.4227
Hunter-Lab	15.6117, -8.0642, 9.4787

Details

The Hex color **213000** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F0030**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4F5E2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **213000**, and if you desaturate by 10%, it is **233005**.

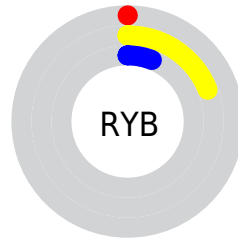
Distribution



Red (13%)

Green (19%)

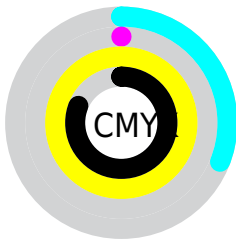
Blue (0%)



Red (0%)

Yellow (19%)

Blue (6%)

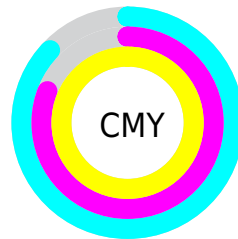


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (81%)



Cyan (87%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213000 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 213000 by changing the saturation by 10% instead.

 213000

 213000

 FFFFE3

 051C00

 4F5E2F

 000000

 677746

 81915E

 9BAB77

 B6C691

 D2E2AC

 EFFFC7

 213000

■ 233005

■ 24300A

■ 26300E

■ 273013

■ 293018

■ 2A301D

■ 2C3022

■ 2D3026

■ 2F302B

Harmonies

Analogous

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



362A00



213000



003315

Triad

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



213000



00334F



4F162C

Complementary

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



213000



0F0030

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.



441C40



213000



002E55

Square

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



213000



003540



2B264F



4F1A17

Rectangle

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



213000



003424



2B264F



4D1733

Sweetspot

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



213000



373D2B



300E00



1B1F14



9E9E9E



1F1F1F

Same Dimension

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



213000



2A3D00



0A3000



161715



3C5700



93D600

Inverse Universe

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



0F0030



13003D



260030



151517



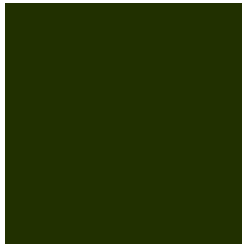
1B0057



4300D6

Previews

White Background



This preview shows how the Hex color 213000 looks on a white background.

Color Contrast Check

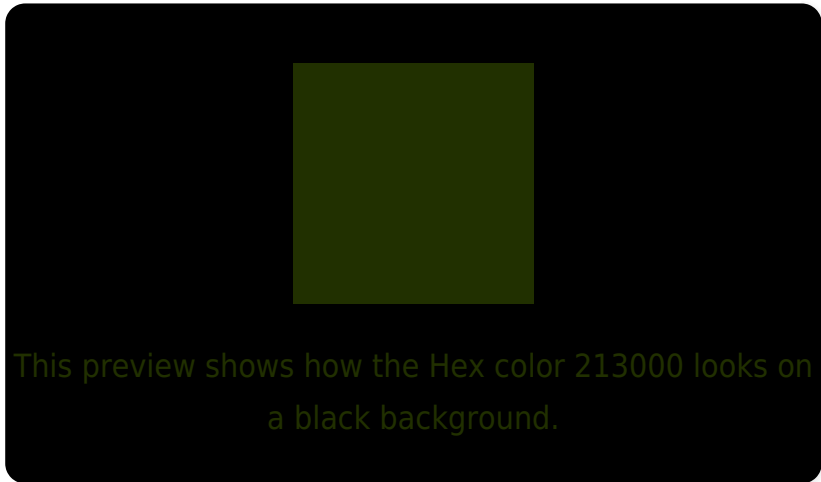
Large Text (above 18pt) WCAG AA ✓ Pass

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

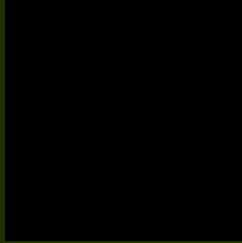
Any Text WCAG AA × Fail

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 213000 Background



This preview shows how black text looks on a background with the Hex color 213000.



This preview shows how white text looks on a background with the Hex color 213000.

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
213000

Protanopia
312C00

Deuteranopia
372909



Tritanopia
262D30

Trichromacy



Original Color
213000

Protanomaly
2B2D00

Deuteranomaly
2F2C06

Tritanomaly
242E1F

Monochromacy



Original Color
213000

Achromatopsia
262626

Achromatomaly
242A18

CSS Examples

Text

The CSS property to change the color of the text to Hex 213000 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 #213000 looks like.

```
.text, #text, p{  
    color:#213000  
}
```

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 #213000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213000  
}
```

Border

The CSS property to change the border of an element to Hex 213000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

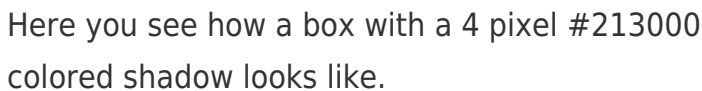
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#213000 }
```

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

```
.border{ border-color:#213000 }
```

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



Here you see how a box with a 4 pixel #213000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213000; -webkit-box-shadow:4px 4px  
4px 4px #213000; box-shadow:4px 4px 4px  
4px #213000 }
```

Background

The CSS property to change the background color of an element to Hex 213000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213000 }
```

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

```
.background{ background-color:#213000 }
```

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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