

Converting Colors

Hex(213307)

Have a look what the booklet for
Hex(213307) contains.

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Color

Hex(213307)

Conversions

Conversions Part 1

Format	Color
Hex	213307
RGB	33, 51, 7
RGB Percent	13%, 20%, 3%
CMY	0.8706, 0.8000, 0.9725
CMYK	0.35, 0.00, 0.86, 0.80
HSL	85°, 76%, 11%
HSV	85°, 86%, 20%
XYZ	1.8494, 2.7063, 0.6259
YIQ	40.6020, 3.3960, -17.5000

Conversions

Conversions Part 2

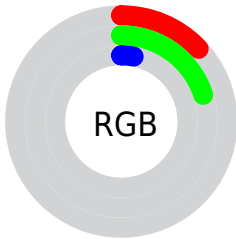
Format	Color
RYB	7, 51, 25
Decimal	2175751
CIELab	18.83, -15.63, 23.51
CIELCh	19, 28.232, 123.627
Yxy	2.7063, 0.3569, 0.5223
Android (android.graphics.Color)	4280365831 (0xFF213307)
YUV	40.6020, -16.5658, -6.6670
Hunter-Lab	16.4509, -8.7225, 9.2598

Details

The Hex color **213307** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **190733**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4F6234**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F3302**, and if you desaturate by 10%, it is **23330C**.

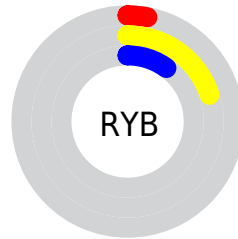
Distribution



Red (13%)

Green (20%)

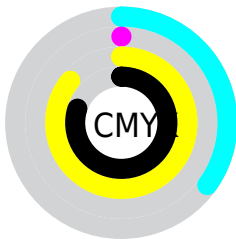
Blue (3%)



Red (3%)

Yellow (20%)

Blue (10%)

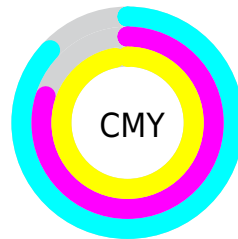


Cyan (35%)

Magenta (0%)

Yellow (86%)

Black (80%)



Cyan (87%)

Magenta (80%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213307 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 213307 by changing the saturation by 10% instead.

 213307

 213307


 FFFFEA

 091E00

 4F6234

 000000

 687A4B

 819464

 9BAF7D

 B7CA97

 D2E6B2

 EFFFCD

 213307

 213307

■ 1F3302

■ 23330C

■ 1E3300

■ 253311

■ 273316

■ 29331B

■ 2B3321

■ 2E3326

■ 30332B

■ 323330

■ 343335

Harmonies

Analogous

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



362E00



213307



00361B

Triad

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



213307



003552



521A2C

Complementary

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



213307



190733

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.



481E40



213307



002F57

Square

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



213307



003744



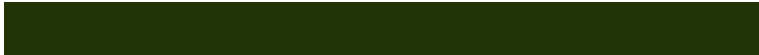
312750



511E18

Rectangle

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



213307



003729



312750



501A33

Sweetspot

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



213307



3B4231



331907



1D2117



A1A1A1



212121

Same Dimension

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



213307



274200



0B3307



181A17



355900



80D900

Inverse Universe

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



190733



1B0042



2F0733



18171A



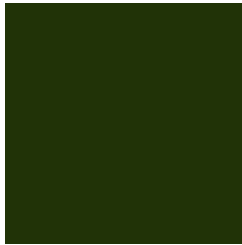
250059



5900D9

Previews

White Background



This preview shows how the Hex color 213307 looks on a white background.

Color Contrast Check

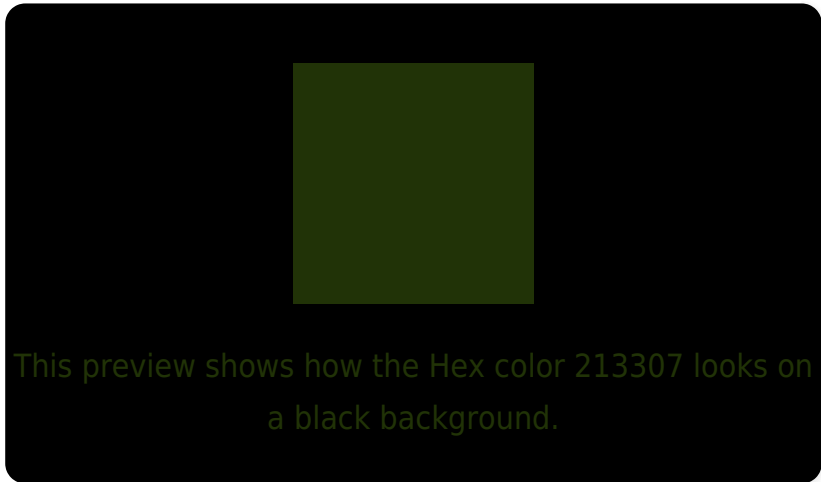
Large Text (above 18pt) WCAG AA ✓ Pass

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

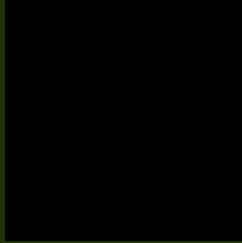
Any Text WCAG AA × Fail

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 213307 Background



This preview shows how black text looks on a background with the Hex color 213307.



This preview shows how white text looks on a background with the Hex color 213307.

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
213307

Protanopia
342E05

Deuteranopia
3A2C0C



Tritanopia
262F33

Trichromacy



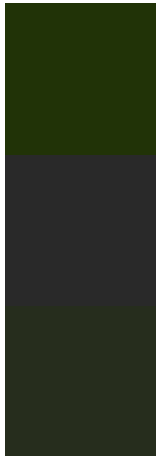
Original Color
213307

Protanomaly
2D3006

Deuteranomaly
312F0A

Tritanomaly
243023

Monochromacy



Original Color
213307

Achromatopsia
292929

Achromatomaly
262D1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 213307 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 #213307 looks like.

```
.text, #text, p{  
    color:#213307  
}
```

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 #213307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213307
}
```

Border

The CSS property to change the border of an element to Hex 213307 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".

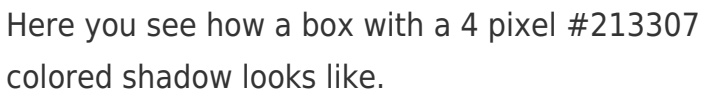
```
.border, #border, table{ border:4px solid
#213307 }
```

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

```
.border{ border-color:#213307 }
```

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

Here you see how a box with a 4 pixel #213307 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213307; -webkit-box-shadow:4px 4px  
4px 4px #213307; box-shadow:4px 4px 4px  
4px #213307 }
```

Background

The CSS property to change the background color of an element to Hex 213307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213307 }
```

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

```
.background{ background-color:#213307 }
```

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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