

Converting Colors

Hex(213921)

Have a look what the booklet for
Hex(213921) contains.

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Color

Hex(213921)

Conversions

Conversions Part 1

Format	Color
Hex	213921
RGB	33, 57, 33
RGB Percent	13%, 22%, 13%
CMY	0.8706, 0.7765, 0.8706
CMYK	0.42, 0.00, 0.42, 0.78
HSL	120°, 27%, 18%
HSV	120°, 42%, 22%
XYZ	2.3648, 3.3594, 1.9626
YIQ	47.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

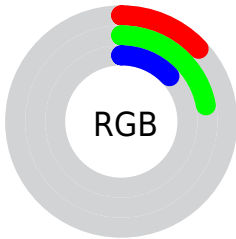
Format	Color
R_{YB}	33, 57, 57
Decimal	2177313
CIE _{Lab}	21.43, -15.37, 12.09
CIE _{LCh}	21, 19.554, 141.793
Yxy	3.3594, 0.3076, 0.4370
Android (android.graphics.Color)	4280367393 (0xFF213921)
YUV	47.0880, -6.9454, -12.3552
Hunter-Lab	18.3286, -9.0443, 6.4813




Details

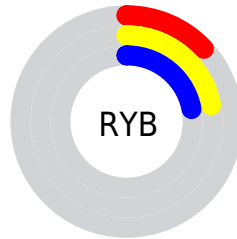
The Hex color **213921** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **392139**, and the grayscale version is **2F2F2F**.




A 20% lighter version of the original color is **4F684D**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **1B391B**, and if you desaturate by 10%, it is **273927**.

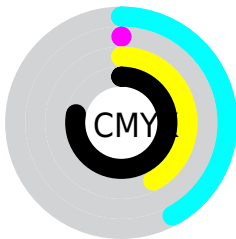
Distribution







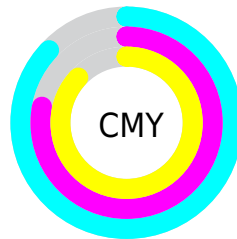
-  Red (13%)
-  Green (22%)
-  Blue (13%)






-  Red (13%)
-  Yellow (22%)
-  Blue (22%)



-  Cyan (42%)
-  Magenta (0%)
-  Yellow (42%)
-  Black (78%)



-  Cyan (87%)
-  Magenta (78%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213921 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 213921 by changing the saturation by 10% instead.



213921



213921

FFFFFF



0C230B



4F684D



000A00



678165



000000



809C7E



9AB698



B5D2B3



D1EECF



EDFFEB



213921



213921

■ 1B391B

■ 273927

■ 163916

■ 2C392C

■ 103910

■ 323932

■ 0A390A

■ 383938

■ 053905

■ 3E393E

■ 003900

■ 433943

■ 493949

■ 4F394F

■ 543954

Harmonies

Analogous

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



323618



213921



0A3B2F

Triad

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



213921



133650



4F2829

Complementary

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



213921



392139

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.



4C2838



213921



2F314E

Square

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



213921



00394A



422C45



4A2C1D

Rectangle

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



213921



003B39



422C45



4F282E

Sweetspot

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



213921



404A40



393921



202620



A6A6A6



262626

Same Dimension

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



213921



244A24



21392D



191C19



005C00



00DB00

Inverse Universe

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



392139



4A244A



39212D



1C191C



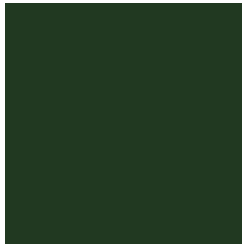
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 213921 looks on a white background.

Color Contrast Check

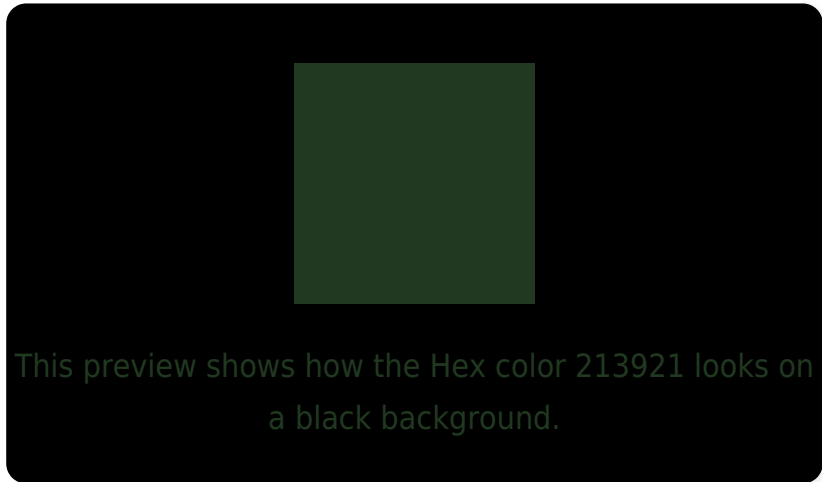
Large Text (above 18pt) WCAG AA ✓ Pass

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

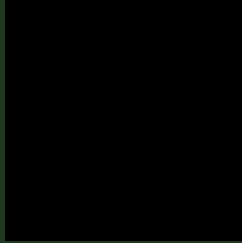
Any Text WCAG AA × Fail

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 213921 Background



This preview shows how black text looks on a background with the Hex color 213921.



This preview shows how white text looks on a background with the Hex color 213921.

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](#).

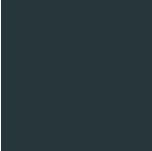
Dichromacy



Original Color
213921

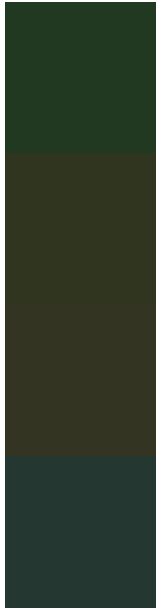
Protanopia
38331F

Deuteranopia
3D3123



Tritanopia
26363A

Trichromacy



Original Color
213921

Protanomaly
303520

Deuteranomaly
333422

Tritanomaly
243731

Monochromacy



Original Color
213921

Achromatopsia
2F2F2F

Achromatomaly
2A332A

CSS Examples

Text

The CSS property to change the color of the text to Hex 213921 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 #213921 looks like.

```
.text, #text, p{  
    color:#213921  
}
```

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 #213921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213921
}
```

Border

The CSS property to change the border of an element to Hex 213921 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".

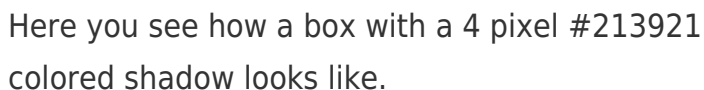
```
.border, #border, table{ border:4px solid
#213921 }
```

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

```
.border{ border-color:#213921 }
```

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

Here you see how a box with a 4 pixel #213921 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213921; -webkit-box-shadow:4px 4px  
4px 4px #213921; box-shadow:4px 4px 4px  
4px #213921 }
```

Background

The CSS property to change the background color of an element to Hex 213921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213921 }
```

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

```
.background{ background-color:#213921 }
```

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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