

Converting Colors

Hex(213020)

Have a look what the booklet for
Hex(213020) contains.

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Color

Hex(213020)

Conversions

Conversions Part 1

Format	Color
Hex	213020
RGB	33, 48, 32
RGB Percent	13%, 19%, 13%
CMY	0.8706, 0.8118, 0.8745
CMYK	0.31, 0.00, 0.33, 0.81
HSL	116°, 20%, 16%
HSV	116°, 33%, 19%
XYZ	1.9449, 2.5415, 1.7546
YIQ	41.6910, -3.8040, -8.1560

Conversions

Conversions Part 2

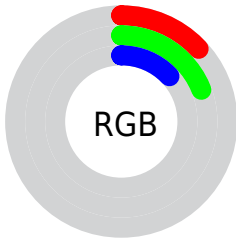
Format	Color
RYB	32, 48, 47
Decimal	2175008
CIELab	18.11, -10.25, 8.29
CIELCh	18, 13.178, 141.042
Yxy	2.5415, 0.3116, 0.4072
Android (android.graphics.Color)	4280365088 (0xFF213020)
YUV	41.6910, -4.7777, -7.6220
Hunter-Lab	15.9422, -6.1227, 4.6342

Details

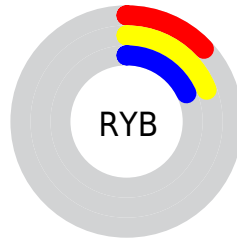
The Hex color **213020** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2030**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4E5E4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D301B**, and if you desaturate by 10%, it is **263025**.

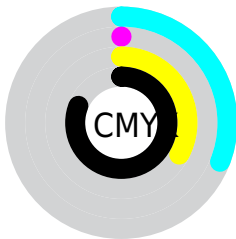
Distribution



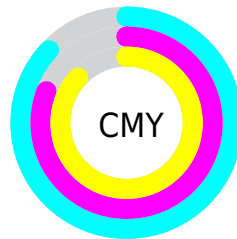
- Red (13%)
- Green (19%)
- Blue (13%)



- Red (13%)
- Yellow (19%)
- Blue (18%)



- Cyan (31%)
- Magenta (0%)
- Yellow (33%)
- Black (81%)



- Cyan (87%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213020 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 213020 by changing the saturation by 10% instead.

■ 213020

■ 213020

FFFFFF

■ 0C1B09

■ 4E5E4C

■ 000000

■ 667764

■ 7F907D

■ 99AB97

■ B4C6B1

■ CFE2CD

■ ECFFE9

■ 213020

■ 213020

■ 1D301B

■ 263025

■ 183016

■ 2A302A

■ 143012

■ 2F302E

■ 0F300D

■ 333033

■ 0B3008

■ 383038

■ 063003

■ 3C303D

■ 033000

■ 413042

■ 453046

■ 4A304B

Harmonies

Analogous

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



2C2E1A



213020



163129

Triad

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



213020



1B2E3F



3F2526

Complementary

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



213020



2F2030

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.



3D252F



213020



292B3E

Square

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



213020



0E303B



362738



3C271E

Rectangle

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



213020



0F3130



362738



3F2529

Sweetspot

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



213020



373D37



302F20



1B1F1B



9E9E9E



1F1F1F

Same Dimension

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



213020



263D25



203027



151715



055700



0DD600

Inverse Universe

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



2F2030



3C253D



302029



171517



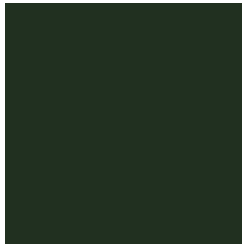
510057



C900D6

Previews

White Background



This preview shows how the Hex color 213020 looks on a white background.

Color Contrast Check

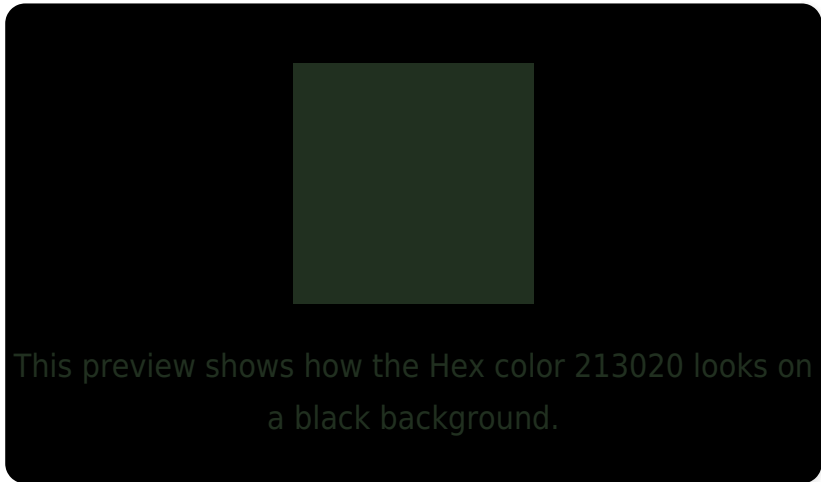
Large Text (above 18pt) WCAG AA ✓ Pass

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

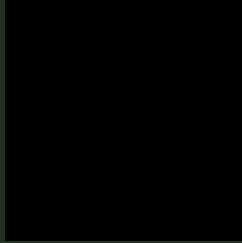
Any Text WCAG AA × Fail

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 213020 Background



This preview shows how black text looks on a background with the Hex color 213020.

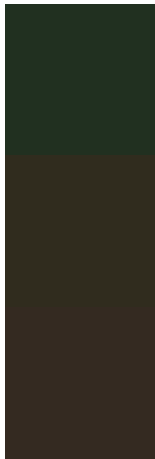


This preview shows how white text looks on a background with the Hex color 213020.

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
213020

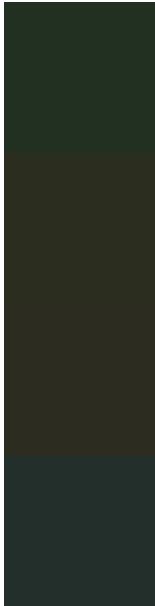
Protanopia
302C1E

Deuteranopia
342A21



Tritanopia
242E31

Trichromacy



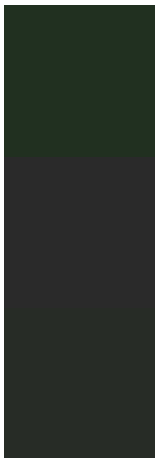
Original Color
213020

Protanomaly
2B2D1F

Deuteranomaly
2D2C21

Tritanomaly
232F2B

Monochromacy



Original Color
213020

Achromatopsia
2A2A2A

Achromatomaly
272C26

CSS Examples

Text

The CSS property to change the color of the text to Hex 213020 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 #213020 looks like.

```
.text, #text, p{  
    color:#213020  
}
```

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 #213020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213020
}
```

Border

The CSS property to change the border of an element to Hex 213020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

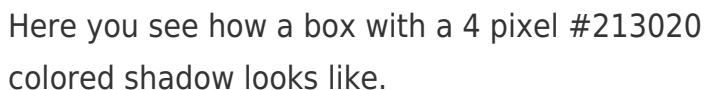
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#213020 }
```

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

```
.border{ border-color:#213020 }
```

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



Here you see how a box with a 4 pixel #213020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213020; -webkit-box-shadow:4px 4px  
4px 4px #213020; box-shadow:4px 4px 4px  
4px #213020 }
```

Background

The CSS property to change the background color of an element to Hex 213020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213020 }
```

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

```
.background{ background-color:#213020 }
```

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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