

Converting Colors

Hex(20211A)

Have a look what the booklet for
Hex(20211A) contains.

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Color

Hex(20211A)

Conversions

Conversions Part 1

Format	Color
Hex	20211A
RGB	32, 33, 26
RGB Percent	13%, 13%, 10%
CMY	0.8745, 0.8706, 0.8980
CMYK	0.03, 0.00, 0.21, 0.87
HSL	69°, 12%, 12%
HSV	69°, 21%, 13%
XYZ	1.3260, 1.4694, 1.1910
YIQ	31.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

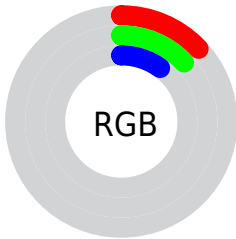
Format	Color
R_{YB}	26, 33, 27
Decimal	2105626
CIE _{Lab}	12.41, -2.10, 4.59
CIE _{LCh}	12, 5.047, 114.586
Yxy	1.4694, 0.3326, 0.3686
Android (android.graphics.Color)	4280295706 (0xFF20211A)
YUV	31.9030, -2.9102, 0.0851
Hunter-Lab	12.1218, -1.6873, 2.6597

Details

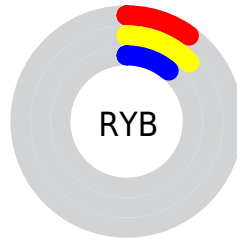
The Hex color **20211A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B1A21**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4C4D45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **202117**, and if you desaturate by 10%, it is **20211D**.

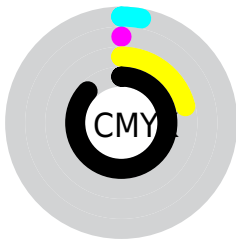
Distribution



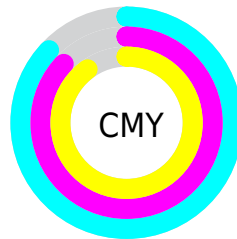
- Red (13%)
- Green (13%)
- Blue (10%)



- Red (10%)
- Yellow (13%)
- Blue (11%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (87%)



- Cyan (87%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20211A 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 20211A by changing the saturation by 10% instead.

■ 20211A

■ 20211A

FFFFFFD

■ 080A00

■ 4C4D45

■ 000000

■ 64655D

■ 7D7E75

■ 97988F

■ B1B2A9

■ CDCEC4

■ E9EAE0

■ 20211A

■ 20211A

■ 202117

■ 20211D

■ 1F2113

■ 212121

■ 1F2110

■ 212124

■ 1E210D

■ 222127

■ 1E210A

■ 22212B

■ 1D2106

■ 23212E

■ 1D2103

■ 232131

■ 1C2100

■ 242134

■ 242138

Harmonies

Analogous

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



242019



20211A



1C221C

Triad

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



20211A



182226



271E21

Complementary

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



20211A



1B1A21

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.



241F24



20211A



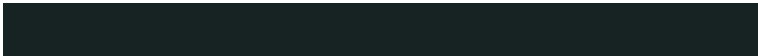
1C2127

Square

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



20211A



172223



202027



281E1E

Rectangle

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



20211A



1A221E



202027



261E22

Sweetspot

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



20211A



2B2B29



211B1A



171715



969696



171717

Same Dimension

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



20211A



2A2B21



1D211A



0F0F0E



444F00



B1CF00

Inverse Universe

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



1B1A21



22212B



1E1A21



0E0E0F



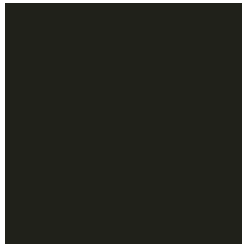
0B004F



1E00CF

Previews

White Background



This preview shows how the Hex color 20211A looks on a white background.

Color Contrast Check

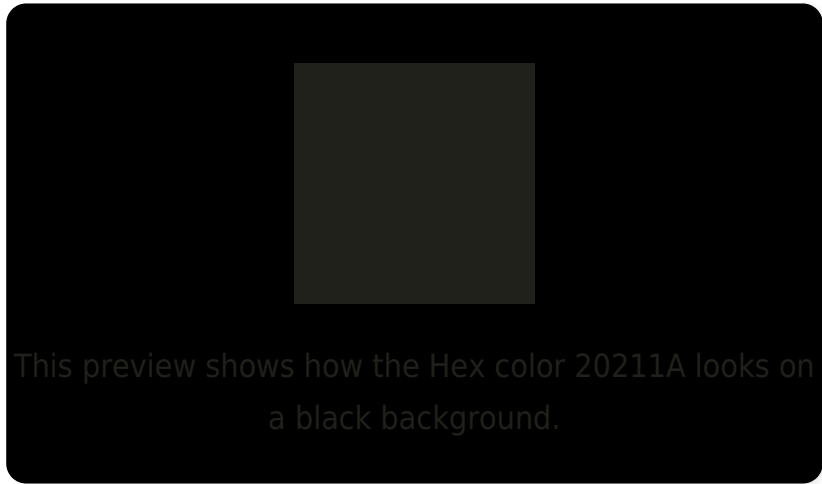
Large Text (above 18pt) WCAG AA ✓ Pass

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

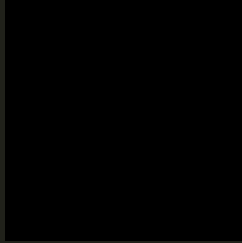
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

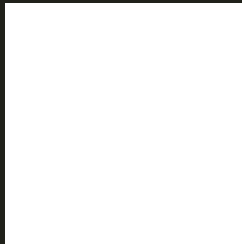
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 20211A Background



This preview shows how black text looks on a background with the Hex color 20211A.

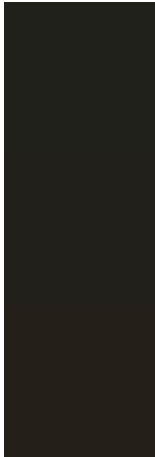


This preview shows how white text looks on a background with the Hex color 20211A.

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

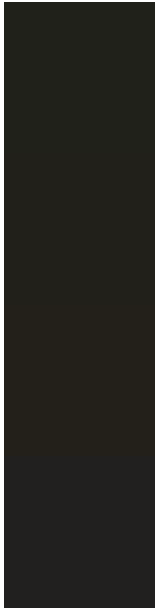


Original Color
20211A

Protanopia
22201A

Deuteranopia
251F1A

Trichromacy



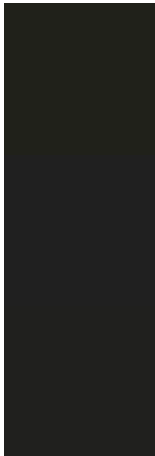
Original Color
20211A

Protanomaly
21201A

Deuteranomaly
23201A

Tritanomaly
21201F

Monochromacy



Original Color
20211A

Achromatopsia
202020

Achromatomaly
20201E

CSS Examples

Text

The CSS property to change the color of the text to Hex 20211A 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 #20211A looks like.

```
.text, #text, p{  
    color:#20211A  
}
```

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 #20211A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20211A
}
```

Border

The CSS property to change the border of an element to Hex 20211A is called "border". The border property can be set on classes, ids or directly on the HTML element.

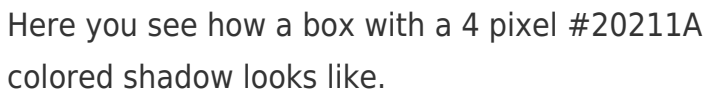
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20211A }
```

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

```
.border{ border-color:#20211A }
```

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



Here you see how a box with a 4 pixel #20211A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20211A; -webkit-box-shadow:4px 4px  
4px 4px #20211A; box-shadow:4px 4px 4px  
4px #20211A }
```

Background

The CSS property to change the background color of an element to Hex 20211A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20211A }
```

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

```
.background{ background-color:#20211A }
```

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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