

Converting Colors

Hex(201F2A)

Have a look what the booklet for
Hex(201F2A) contains.

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Color

Hex(201F2A)

Conversions

Conversions Part 1

Format	Color
Hex	201F2A
RGB	32, 31, 42
RGB Percent	13%, 12%, 16%
CMY	0.8745, 0.8784, 0.8353
CMYK	0.24, 0.26, 0.00, 0.84
HSL	245°, 15%, 14%
HSV	245°, 26%, 16%
XYZ	1.5036, 1.4542, 2.3919
YIQ	32.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

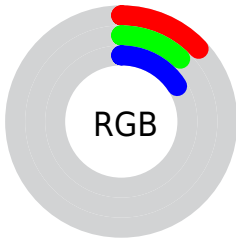
Format	Color
RYB	32, 31, 42
Decimal	2105130
CIELab	12.31, 3.47, -7.20
CIElCh	12, 7.990, 295.761
Yxy	1.4542, 0.2811, 0.2718
Android (android.graphics.Color)	4280295210 (0xFF201F2A)
YUV	32.5530, 4.6574, -0.4850
Hunter-Lab	12.0591, 1.1526, -3.3189

Details

The Hex color **201F2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **292A1F**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **4C4B57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C1B2A**, and if you desaturate by 10%, it is **24232A**.

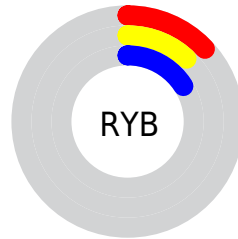
Distribution



Red (13%)

Green (12%)

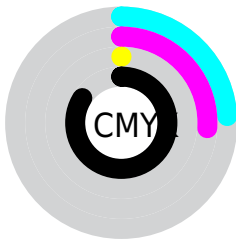
Blue (16%)



Red (13%)

Yellow (12%)

Blue (16%)

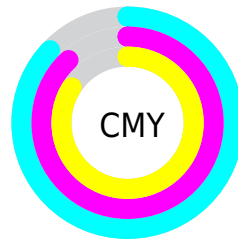


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (84%)



Cyan (87%)

Magenta (88%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201F2A 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 201F2A by changing the saturation by 10% instead.

■ 201F2A

■ 201F2A

FFFFFF

■ 090616

■ 4C4B57

■ 000000

■ 646370

■ 7D7B89

■ 9795A3

■ B2B0BE

■ CDCBDA

■ E9E7F7

■ 201F2A

■ 201F2A

■ 1C1B2A

■ 24232A

■ 18172A

■ 28272A

■ 15122A

■ 2B2C2A

■ 110E2A

■ 2F302A

■ 0D0A2A

■ 33342A

■ 09062A

■ 37382A

■ 05022A

■ 3B3C2A

■ 04002A

■ 3F412A

■ 42452A

Harmonies

Analogous

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



18212B



201F2A



261D26

Triad

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



201F2A



291E17



13231F

Complementary

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



201F2A



292A1F

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.



19231A



201F2A



252015

Square

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



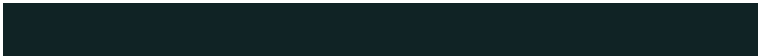
201F2A



2B1C1C



1F2116



102325

Rectangle

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



201F2A



291C23



1F2116



15231D

Sweetspot

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



201F2A



323136



1F292A



19191C



9C9C9C



1C1C1C

Same Dimension

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



201F2A



262536



251F2A



131214



080054



1300D4

Inverse Universe

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



2A1F29



362534



242A1F



141214



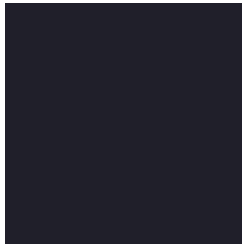
54004C



D400C0

Previews

White Background



This preview shows how the Hex color 201F2A looks on a white background.

Color Contrast Check

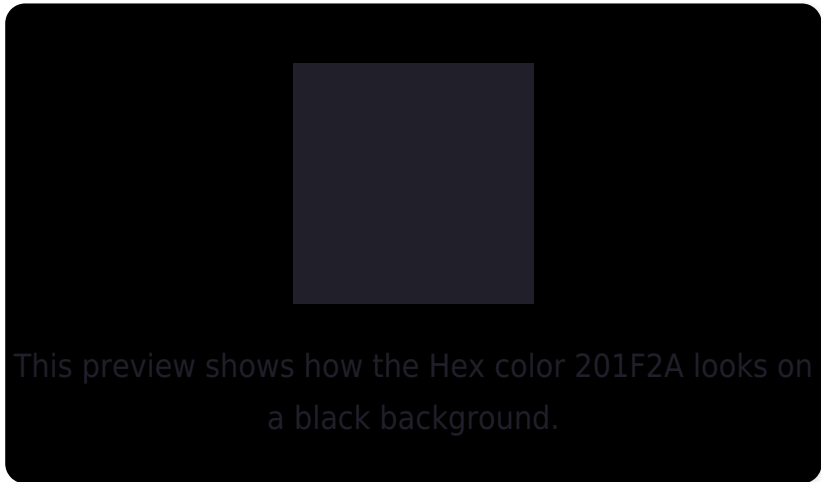
Large Text (above 18pt) WCAG AA ✓ Pass

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

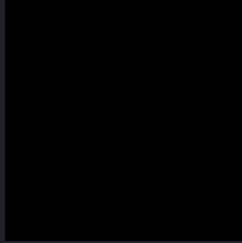
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

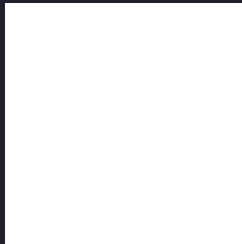
Any Text WCAG AAA × Fail

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

Hex 201F2A Background



This preview shows how black text looks on a background with the Hex color 201F2A.



This preview shows how white text looks on a background with the Hex color 201F2A.

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
201F2A

Protanopia
1D202B

Deuteranopia
1E202A

Trichromacy



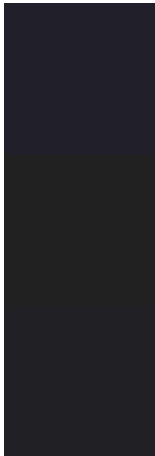
Original Color
201F2A

Protanomaly
1E202B

Deuteranomaly
1F202A

Tritanomaly
1F2026

Monochromacy



Original Color
201F2A

Achromatopsia
212121

Achromatomaly
212024

CSS Examples

Text

The CSS property to change the color of the text to Hex 201F2A 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 #201F2A looks like.

```
.text, #text, p{  
    color:#201F2A  
}
```

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 #201F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201F2A
}
```

Border

The CSS property to change the border of an element to Hex 201F2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

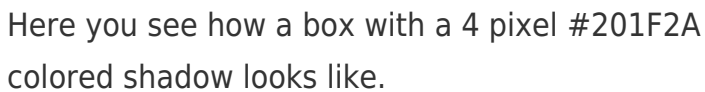
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#201F2A }
```

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

```
.border{ border-color:#201F2A }
```

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



Here you see how a box with a 4 pixel #201F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201F2A; -webkit-box-shadow:4px 4px  
4px 4px #201F2A; box-shadow:4px 4px 4px  
4px #201F2A }
```

Background

The CSS property to change the background color of an element to Hex 201F2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201F2A }
```

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

```
.background{ background-color:#201F2A }
```

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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