

Converting Colors

Hex(201D2E)

Have a look what the booklet for
Hex(201D2E) contains.

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Color

Hex(201D2E)

Conversions

Conversions Part 1

Format	Color
Hex	201D2E
RGB	32, 29, 46
RGB Percent	13%, 11%, 18%
CMY	0.8745, 0.8863, 0.8196
CMYK	0.30, 0.37, 0.00, 0.82
HSL	251°, 23%, 15%
HSV	251°, 37%, 18%
XYZ	1.5282, 1.3831, 2.7712
YIQ	31.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

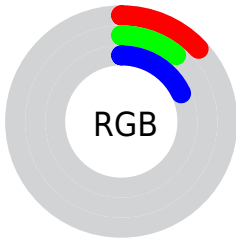
Format	Color
RYB	32, 29, 46
Decimal	2104622
CIELab	11.84, 6.18, -10.82
CIElCh	12, 12.461, 299.718
Yxy	1.3831, 0.2689, 0.2434
Android (android.graphics.Color)	4280294702 (0xFF201D2E)
YUV	31.8350, 6.9833, 0.1447
Hunter-Lab	11.7604, 2.6141, -5.7387

Details

The Hex color **201D2E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2E1D**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4C485C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C182E**, and if you desaturate by 10%, it is **24222E**.

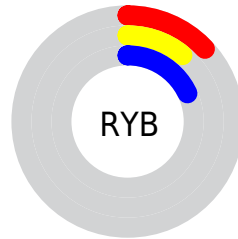
Distribution



Red (13%)

Green (11%)

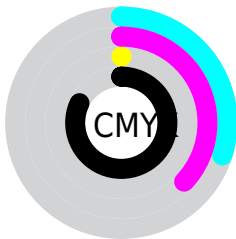
Blue (18%)



Red (13%)

Yellow (11%)

Blue (18%)

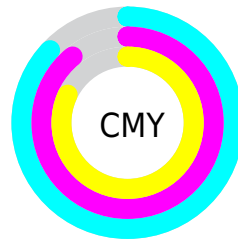


Cyan (30%)

Magenta (37%)

Yellow (0%)

Black (82%)



Cyan (87%)

Magenta (89%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201D2E 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 201D2E by changing the saturation by 10% instead.

■ 201D2E

■ 201D2E

FFFFFF

■ 0A031A

■ 4C485C

■ 000000

■ 646074

■ 7E798E

■ 9793A9

■ B2ADC4

■ CEC9E0

■ EAE5FC

■ 201D2E

■ 201D2E

■ 1C182E

■ 24222E

■ 18142E

■ 28262E

■ 150F2E

■ 2B2B2E

■ 110B2E

■ 2F2F2E

■ 0D062E

■ 33342E

■ 09012E

■ 37392E

■ 08002E

■ 3B3D2E

■ 3E422E

■ 42462E

Harmonies

Analogous

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



122030



201D2E



2A1A28

Triad

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



201D2E



2C1C10



06241F

Complementary

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



201D2E



2B2E1D

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.



122316



201D2E



251F0C

Square

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



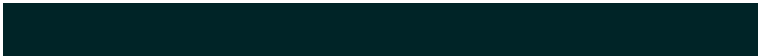
201D2E



2F1917



1C210F



002427

Rectangle

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



201D2E



2E1922



1C210F



0A241C

Sweetspot

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



201D2E



35343B



1D2B2E



1B1B1F



9E9E9E



1F1F1F

Same Dimension

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



201D2E



25213B



281D2E



151517



0F0057



2600D6

Inverse Universe

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



2E1D2B



3B2136



232E1D



171517



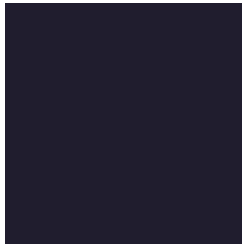
570047



D600B0

Previews

White Background



This preview shows how the Hex color 201D2E looks on a white background.

Color Contrast Check

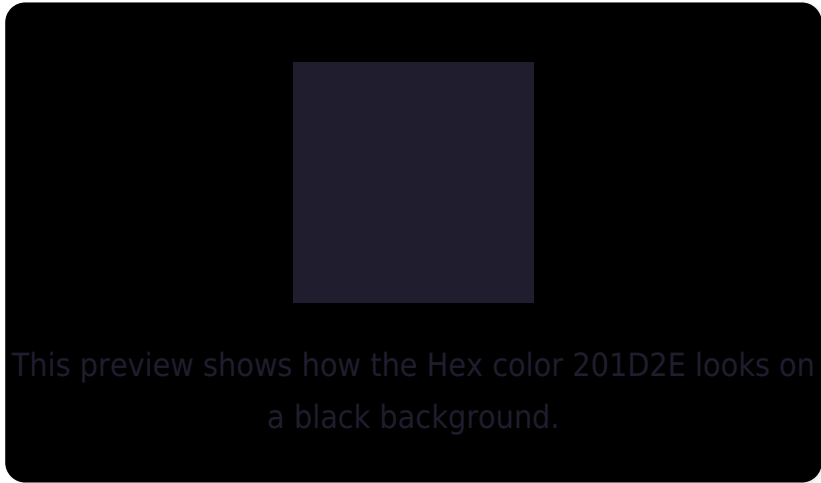
Large Text (above 18pt) WCAG AA ✓ Pass

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

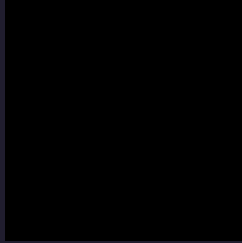
Any Text WCAG AA × Fail

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 201D2E Background



This preview shows how black text looks on a background with the Hex color 201D2E.



This preview shows how white text looks on a background with the Hex color 201D2E.

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
201D2E

Protanopia
191F2F

Deuteranopia
191F2E



Tritanopia
1E1F22

Trichromacy



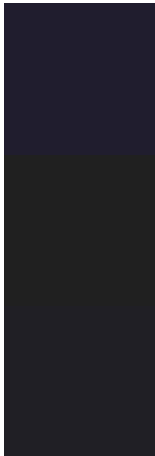
Original Color
201D2E

Protanomaly
1C1E2F

Deuteranomaly
1C1E2E

Tritanomaly
1F1E26

Monochromacy



Original Color
201D2E

Achromatopsia
202020

Achromatomaly
201F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 201D2E 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 #201D2E looks like.

```
.text, #text, p{  
    color:#201D2E  
}
```

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 #201D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201D2E
}
```

Border

The CSS property to change the border of an element to Hex 201D2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

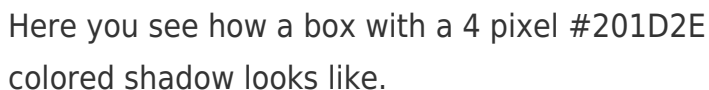
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#201D2E }
```

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

```
.border{ border-color:#201D2E }
```

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



Here you see how a box with a 4 pixel #201D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201D2E; -webkit-box-shadow:4px 4px  
4px 4px #201D2E; box-shadow:4px 4px 4px  
4px #201D2E }
```

Background

The CSS property to change the background color of an element to Hex 201D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201D2E }
```

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

```
.background{ background-color:#201D2E }
```

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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