

Converting Colors

Hex(201C23)

Have a look what the booklet for
Hex(201C23) contains.

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Color

Hex(201C23)

Conversions

Conversions Part 1

Format	Color
Hex	201C23
RGB	32, 28, 35
RGB Percent	13%, 11%, 14%
CMY	0.8745, 0.8902, 0.8627
CMYK	0.09, 0.20, 0.00, 0.86
HSL	274°, 11%, 12%
HSV	274°, 20%, 14%
XYZ	1.3143, 1.2589, 1.7638
YIQ	29.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

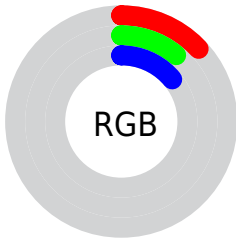
Format	Color
R_{YB}	32, 28, 35
Decimal	2104355
CIE Lab	10.99, 3.70, -4.08
CIE LCh	11, 5.504, 312.175
Yxy	1.2589, 0.3030, 0.2903
Android (android.graphics.Color)	4280294435 (0xFF201C23)
YUV	29.9940, 2.4680, 1.7593
Hunter-Lab	11.2202, 1.2734, -1.4663

Details

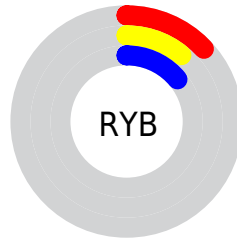
The Hex color **201C23** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F231C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4C474F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E1923**, and if you desaturate by 10%, it is **222023**.

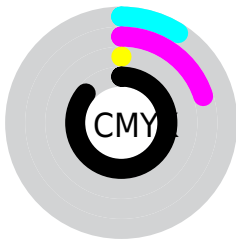
Distribution



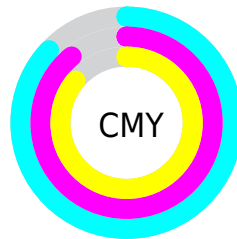
- Red (13%)
- Green (11%)
- Blue (14%)



- Red (13%)
- Yellow (11%)
- Blue (14%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (86%)



- Cyan (87%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201C23 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 201C23 by changing the saturation by 10% instead.

■ 201C23

■ 201C23

FFFFFF

■ 09010D

■ 4C474F

■ 000000

■ 645F67

■ 7D7880

■ 97919A

■ B1ACB5

■ CDC7D1

■ E9E3ED

■ 201C23

■ 201C23

■ 1E1923

■ 222023

■ 1D1523

■ 232323

■ 1B1123

■ 252723

■ 1A0E23

■ 262A23

■ 180A23

■ 282E23

■ 170723

■ 293123

■ 150323

■ 2B3523

■ 140023

■ 2C3823

■ 2E3B23

Harmonies

Analogous

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



1B1D25



201C23



241B20

Triad

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



201C23



221C16



14201F

Complementary

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



201C23



1F231C

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.



171F1B



201C23



1F1E16

Square

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



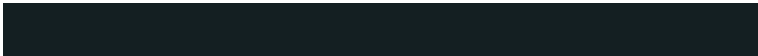
201C23



251B19



1B1F18



141F22

Rectangle

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



201C23



251B1D



1B1F18



15201E

Sweetspot

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



201C23



2D2B2E



1C1F23



161517



969696



171717

Same Dimension

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



201C23



29232E



231C23



111012



2F0052



7700D1

Inverse Universe

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



231C1F



2E2328



1C231C



121011



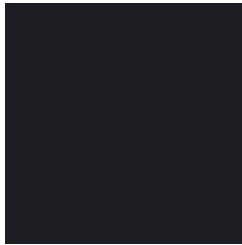
520023



D1005A

Previews

White Background



This preview shows how the Hex color 201C23 looks on a white background.

Color Contrast Check

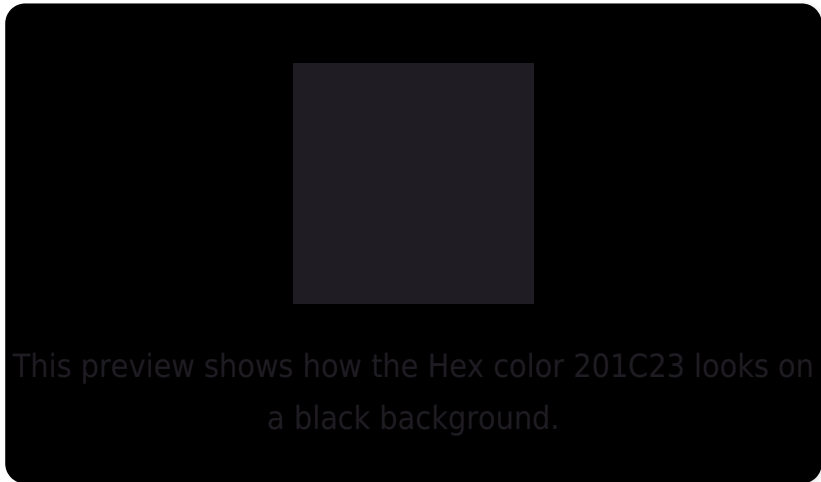
Large Text (above 18pt) WCAG AA ✓ Pass

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

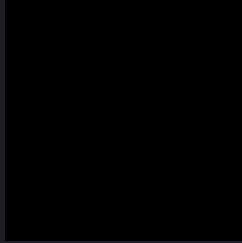
Any Text WCAG AA × Fail

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 201C23 Background



This preview shows how black text looks on a background with the Hex color 201C23.

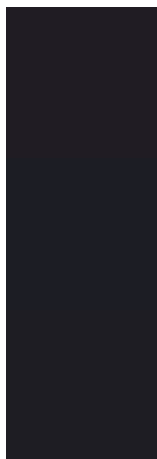


This preview shows how white text looks on a background with the Hex color 201C23.

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
201C23

Protanopia
1C1D24

Deuteranopia
1E1D23



Tritanopia
1F1D1F

Trichromacy



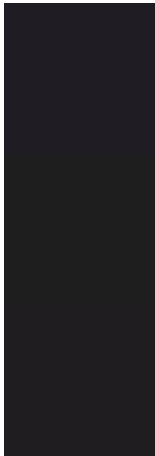
Original Color
201C23

Protanomaly
1D1D24

Deuteranomaly
1F1D23

Tritanomaly
1F1D20

Monochromacy



Original Color
201C23

Achromatopsia
1E1E1E

Achromatomaly
1F1D20

CSS Examples

Text

The CSS property to change the color of the text to Hex 201C23 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 #201C23 looks like.

```
.text, #text, p{  
    color:#201C23  
}
```

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 #201C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201C23
}
```

Border

The CSS property to change the border of an element to Hex 201C23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

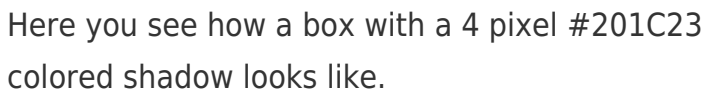
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#201C23 }
```

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

```
.border{ border-color:#201C23 }
```

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



Here you see how a box with a 4 pixel #201C23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201C23; -webkit-box-shadow:4px 4px  
4px 4px #201C23; box-shadow:4px 4px 4px  
4px #201C23 }
```

Background

The CSS property to change the background color of an element to Hex 201C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201C23 }
```

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

```
.background{ background-color:#201C23 }
```

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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