

Converting Colors

Hex(201E00)

Have a look what the booklet for
Hex(201E00) contains.

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Color

Hex(201E00)

Conversions

Conversions Part 1

Format	Color
Hex	201E00
RGB	32, 30, 0
RGB Percent	13%, 12%, 0%
CMY	0.8745, 0.8824, 1.0000
CMYK	0.00, 0.06, 1.00, 0.87
HSL	56°, 100%, 6%
HSV	56°, 100%, 13%
XYZ	1.0599, 1.2356, 0.1826
YIQ	27.1780, 10.8220, -8.9060

Conversions

Conversions Part 2

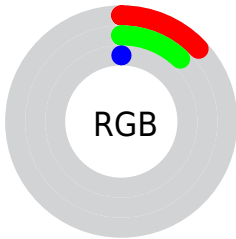
Format	Color
R _Y B	2, 32, 0
Decimal	2104832
CIE Lab	10.82, -3.89, 16.04
CIE LCh	11, 16.503, 103.617
Yxy	1.2356, 0.4277, 0.4986
Android (android.graphics.Color)	4280294912 (0xFF201E00)
YUV	27.1780, -13.3988, 4.2289
Hunter-Lab	11.1159, -2.4321, 6.8070

Details

The Hex color **201E00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000220**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **4C4A2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **201E00**, and if you desaturate by 10%, it is **201E03**.

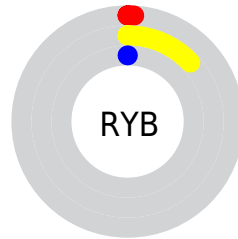
Distribution



Red (13%)

Green (12%)

Blue (0%)



Red (1%)

Yellow (13%)

Blue (0%)

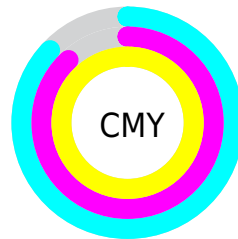


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (87%)



Cyan (87%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201E00 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 201E00 by changing the saturation by 10% instead.

 201E00

 201E00

 FFFFE2

 000600

 4C4A2F

 000000

 646146

 7D7A5E

 979476

 B2AE90

 CECAAB

 EAE6C6

 201E00

■ 201E03

■ 201E06

■ 201F0A

■ 201F0D

■ 201F10

■ 201F13

■ 201F16

■ 20201A

■ 20201D

Harmonies

Analogous

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



2A1A01



201E00



13210A

Triad

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



201E00



00222C



2F1424

Complementary

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



201E00



000220

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.



25182D



201E00



002032

Square

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



201E00



002322



131D33



321418

Rectangle

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



201E00



072212



131D33



2C1527

Sweetspot

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



201E00



29281D



200002



14140D



949494



141414

Same Dimension

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



201E00



292600



122000



0F0F0E



4F4A00



CFC200

Inverse Universe

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



000220



000329



0E0020



0E0E0F



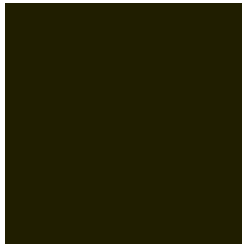
00054F



000DCF

Previews

White Background



This preview shows how the Hex color 201E00 looks on a white background.

Color Contrast Check

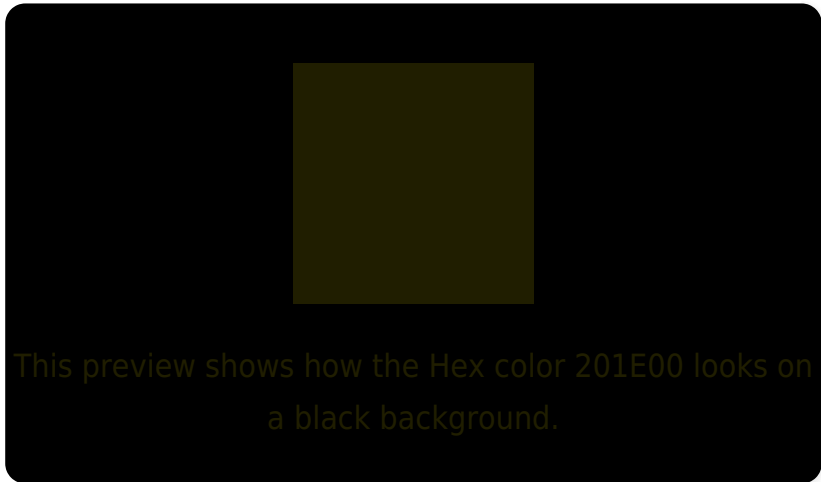
Large Text (above 18pt) WCAG AA ✓ Pass

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

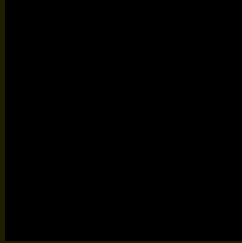
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

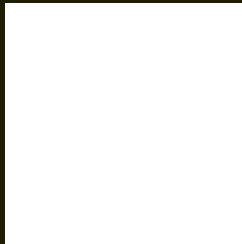
Any Text WCAG AAA × Fail

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

Hex 201E00 Background



This preview shows how black text looks on a background with the Hex color 201E00.



This preview shows how white text looks on a background with the Hex color 201E00.

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
201E00

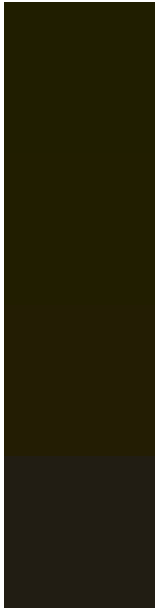
Protanopia
211E00

Deuteranopia
251C04



Tritanopia
221C1E

Trichromacy



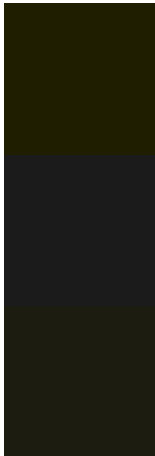
Original Color
201E00

Protanomaly
211E00

Deuteranomaly
231D03

Tritanomaly
211D13

Monochromacy



Original Color
201E00

Achromatopsia
1B1B1B

Achromatomaly
1D1C11

CSS Examples

Text

The CSS property to change the color of the text to Hex 201E00 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 #201E00 looks like.

```
.text, #text, p{  
    color:#201E00  
}
```

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 #201E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201E00
}
```

Border

The CSS property to change the border of an element to Hex 201E00 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
#201E00 }
```

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

```
.border{ border-color:#201E00 }
```

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

Here you see how a box with a 4 pixel #201E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201E00; -webkit-box-shadow:4px 4px  
4px 4px #201E00; box-shadow:4px 4px 4px  
4px #201E00 }
```

Background

The CSS property to change the background color of an element to Hex 201E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201E00 }
```

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

```
.background{ background-color:#201E00 }
```

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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