

Converting Colors

Hex(201701)

Have a look what the booklet for
Hex(201701) contains.

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Color

Hex(201701)

Conversions

Conversions Part 1

Format	Color
Hex	201701
RGB	32, 23, 1
RGB Percent	13%, 9%, 0%
CMY	0.8745, 0.9098, 0.9961
CMYK	0.00, 0.28, 0.97, 0.87
HSL	43°, 94%, 6%
HSV	43°, 97%, 13%
XYZ	0.9075, 0.9221, 0.1589
YIQ	23.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

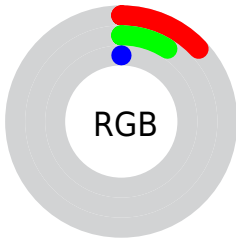
Format	Color
RYB	14, 32, 1
Decimal	2103041
CIELab	8.32, 1.23, 12.08
CIELCh	8, 12.143, 84.197
Yxy	0.9221, 0.4564, 0.4637
Android (android.graphics.Color)	4280293121 (0xFF201701)
YUV	23.1830, -10.9362, 7.7325
Hunter-Lab	9.6024, 0.0662, 5.7408

Details

The Hex color **201701** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **010A20**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **4C4230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **201700**, and if you desaturate by 10%, it is **201804**.

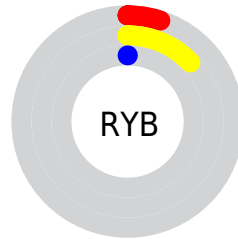
Distribution



Red (13%)

Green (9%)

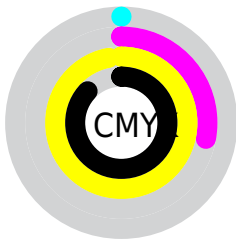
Blue (0%)



Red (5%)

Yellow (13%)

Blue (0%)

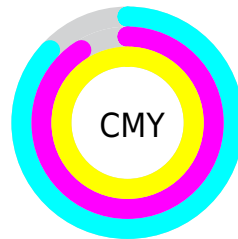


Cyan (0%)

Magenta (28%)

Yellow (97%)

Black (87%)



Cyan (87%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201701 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 201701 by changing the saturation by 10% instead.

■ 201701

■ 201701

■ FFF9E3

■ 000000

■ 4C4230

■ 645947

■ 7D715F

■ 978B77

■ B2A591

■ CDC0AC

■ EADCC7

■ 201701

■ 201701

■ 201700

■ 201804

■ 201907

■ 201A0B

■ 201B0E

■ 201C11

■ 201D14

■ 201E17

■ 201E1B

■ 201F1E

Harmonies

Analogous

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



251407



201701



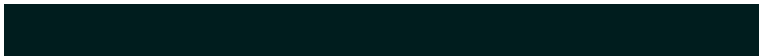
181A03

Triad

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



201701



001D1E



211422

Complementary

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



201701



010A20

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.



171727



201701



001B25

Square

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



201701



001D16



081928



26121A

Rectangle

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



201701



111B09



081928



1E1524

Sweetspot

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



201701



29251D



20010A



14120D



949494



141414

Same Dimension

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



201701



291D00



1A2001



0F0F0E



4F3800



CF9300

Inverse Universe

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



010A20



000C29



070120



0E0E0F



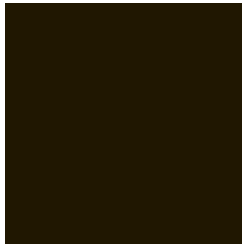
00174F



003CCF

Previews

White Background



This preview shows how the Hex color 201701 looks on a white background.

Color Contrast Check

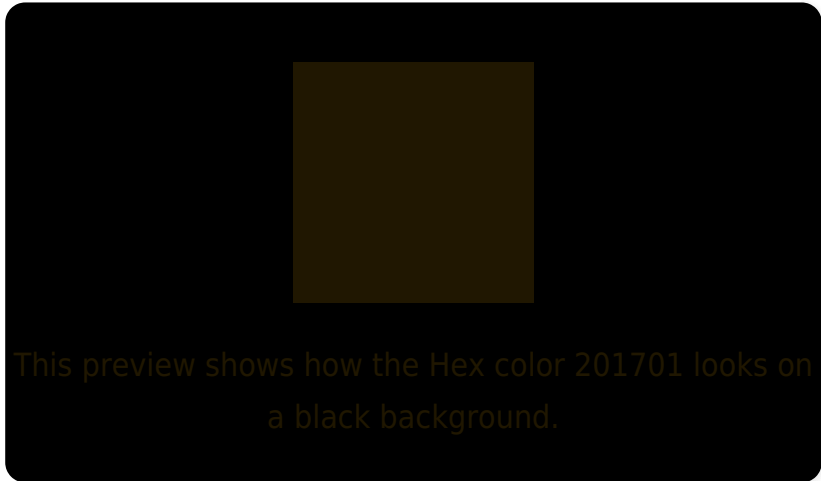
Large Text (above 18pt) WCAG AA ✓ Pass

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

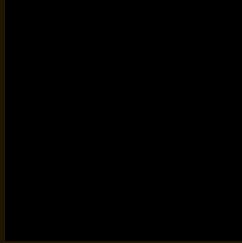
Any Text WCAG AA × Fail

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 201701 Background



This preview shows how black text looks on a background with the Hex color 201701.

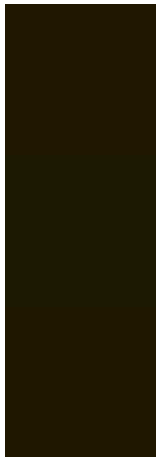


This preview shows how white text looks on a background with the Hex color 201701.

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
201701

Protanopia
1C1902

Deuteranopia
1F1700



Tritanopia
211517

Trichromacy



Original Color
201701

Protanomaly
1D1802

Deuteranomaly
1F1700

Tritanomaly
21160F

Monochromacy



Original Color
201701

Achromatopsia
171717

Achromatomaly
1A170F

CSS Examples

Text

The CSS property to change the color of the text to Hex 201701 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 #201701 looks like.

```
.text, #text, p{  
    color:#201701  
}
```

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 #201701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201701
}
```

Border

The CSS property to change the border of an element to Hex 201701 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
#201701 }
```

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

```
.border{ border-color:#201701 }
```

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

Here you see how a box with a 4 pixel #201701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201701; -webkit-box-shadow:4px 4px  
4px 4px #201701; box-shadow:4px 4px 4px  
4px #201701 }
```

Background

The CSS property to change the background color of an element to Hex 201701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201701 }
```

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

```
.background{ background-color:#201701 }
```

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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