

Converting Colors

Hex(201D05)

Have a look what the booklet for
Hex(201D05) contains.

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Color

Hex(201D05)

Conversions

Conversions Part 1

Format	Color
Hex	201D05
RGB	32, 29, 5
RGB Percent	13%, 11%, 2%
CMY	0.8745, 0.8863, 0.9804
CMYK	0.00, 0.09, 0.84, 0.87
HSL	53°, 73%, 7%
HSV	53°, 84%, 13%
XYZ	1.0624, 1.1968, 0.3186
YIQ	27.1610, 9.4920, -6.8280

Conversions

Conversions Part 2

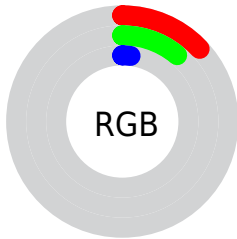
Format	Color
R_{YB}	8, 32, 5
Decimal	2104581
CIE Lab	10.53, -2.57, 13.60
CIE LCh	11, 13.846, 100.711
Yxy	1.1968, 0.4121, 0.4643
Android (android.graphics.Color)	4280294661 (0xFF201D05)
YUV	27.1610, -10.9254, 4.2438
Hunter-Lab	10.9397, -1.8091, 5.9311

Details

The Hex color **201D05** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **050820**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **4C4833**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **201D02**, and if you desaturate by 10%, it is **201D08**.

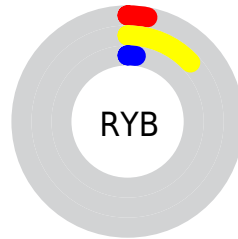
Distribution



Red (13%)

Green (11%)

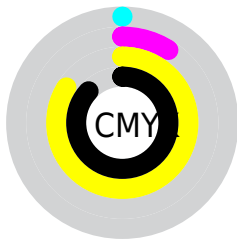
Blue (2%)



Red (3%)

Yellow (13%)

Blue (2%)

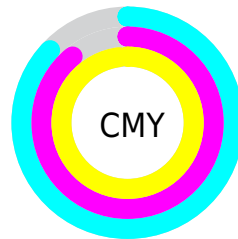


Cyan (0%)

Magenta (9%)

Yellow (84%)

Black (87%)



Cyan (87%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201D05 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 201D05 by changing the saturation by 10% instead.

 201D05

 201D05

 FFFFE6

 000400

 4C4833

 000000

 646049

 7D7961

 97937A

 B2AD94

 CEC8AE

 EAE4CA

 201D05

 201D05

■ 201D02

■ 201D08

■ 201C00

■ 201E0B

■ 201E0F

■ 201E12

■ 201F15

■ 201F18

■ 201F1B

■ 20201F

■ 202022

Harmonies

Analogous

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



281A07



201D05



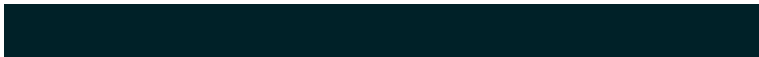
151F0C

Triad

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



201D05



002128



2B1623

Complementary

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



201D05



050820

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.



22192B



201D05



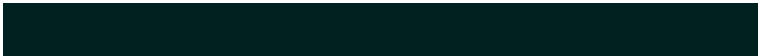
011F2E

Square

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



201D05



002120



141C2F



2E151A

Rectangle

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



201D05



0D2113



141C2F



281726

Sweetspot

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



201D05



29281F



200508



14140E



949494



141414

Same Dimension

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



201D05



292400



162005



0F0F0E



4F4600



CFB800

Inverse Universe

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



050820



000529



0F0520



0E0E0F



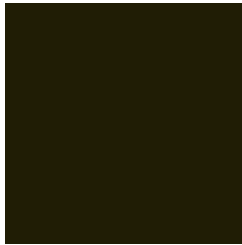
00094F



0017CF

Previews

White Background



This preview shows how the Hex color 201D05 looks on a white background.

Color Contrast Check

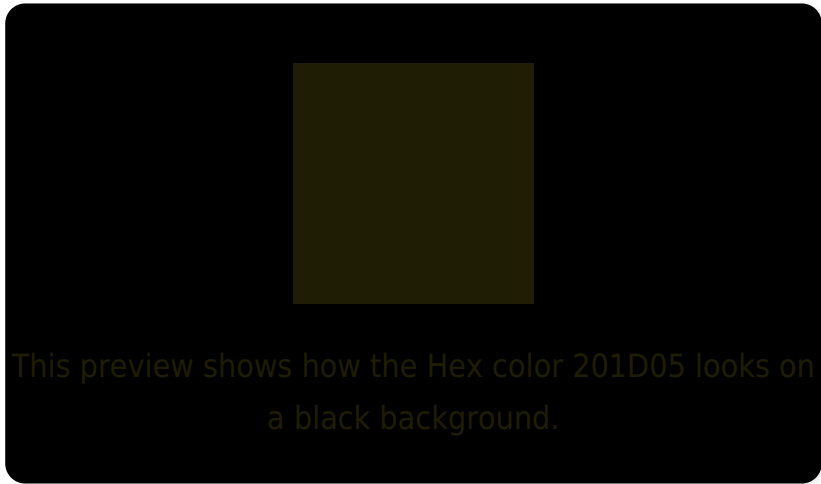
Large Text (above 18pt) WCAG AA ✓ Pass

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

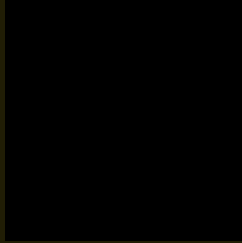
Any Text WCAG AA × Fail

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 201D05 Background



This preview shows how black text looks on a background with the Hex color 201D05.

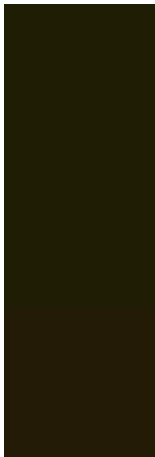


This preview shows how white text looks on a background with the Hex color 201D05.

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
201D05

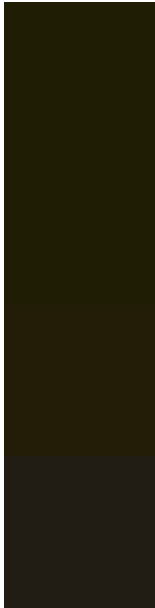
Protanopia
201D05

Deuteranopia
241B06



Tritanopia
221B1D

Trichromacy



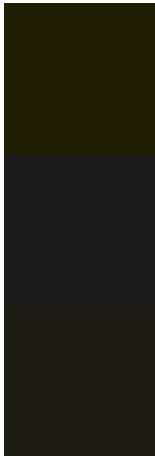
Original Color
201D05

Protanomaly
201D05

Deuteranomaly
231C06

Tritanomaly
211C14

Monochromacy



Original Color
201D05

Achromatopsia
1B1B1B

Achromatomaly
1D1C13

CSS Examples

Text

The CSS property to change the color of the text to Hex 201D05 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 #201D05 looks like.

```
.text, #text, p{  
    color:#201D05  
}
```

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 #201D05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201D05
}
```

Border

The CSS property to change the border of an element to Hex 201D05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

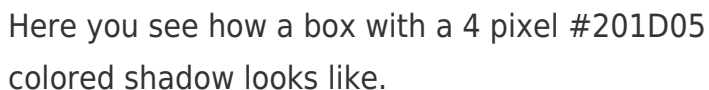
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#201D05 }
```

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

```
.border{ border-color:#201D05 }
```

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



Here you see how a box with a 4 pixel #201D05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201D05; -webkit-box-shadow:4px 4px  
4px 4px #201D05; box-shadow:4px 4px 4px  
4px #201D05 }
```

Background

The CSS property to change the background color of an element to Hex 201D05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201D05 }
```

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

```
.background{ background-color:#201D05 }
```

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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