

Converting Colors

Hex(1C2A05)

Have a look what the booklet for
Hex(1C2A05) contains.

Hex(1C2A05)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1C2A05)

Conversions

Conversions Part 1

Format	Color
Hex	1C2A05
RGB	28, 42, 5
RGB Percent	11%, 16%, 2%
CMY	0.8902, 0.8353, 0.9804
CMYK	0.33, 0.00, 0.88, 0.84
HSL	83°, 79%, 9%
HSV	83°, 88%, 16%
XYZ	1.3342, 1.9138, 0.4427
YIQ	33.5960, 3.5330, -14.4750

Conversions

Conversions Part 2

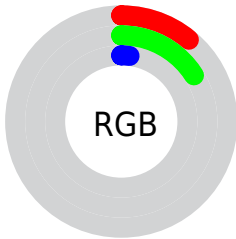
Format	Color
RYB	5, 42, 19
Decimal	1845765
CIELab	15.03, -13.13, 19.58
CIELCh	15, 23.572, 123.839
Yxy	1.9138, 0.3615, 0.5185
Android (android.graphics.Color)	4280035845 (0xFF1C2A05)
YUV	33.5960, -14.0978, -4.9077
Hunter-Lab	13.8339, -6.9934, 7.7866

Details

The Hex color **1C2A05** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13052A**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **485732**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2A01**, and if you desaturate by 10%, it is **1E2A09**.

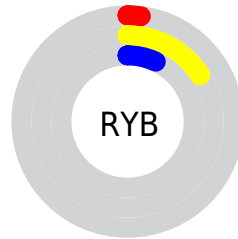
Distribution



Red (11%)

Green (16%)

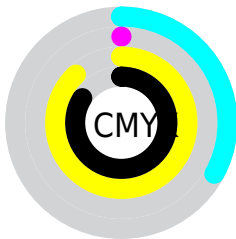
Blue (2%)



Red (2%)

Yellow (16%)

Blue (7%)

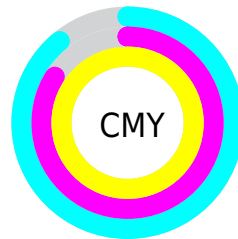


Cyan (33%)

Magenta (0%)

Yellow (88%)

Black (84%)



Cyan (89%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2A05 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 1C2A05 by changing the saturation by 10% instead.

 1C2A05

 1C2A05

 FFFFE7

 001700

 485732

 000000

 607049

 7A8961

 94A47A

 AEBF94

 CADBAF

 E6F7CB

 1C2A05

 1C2A05

■ 1A2A01

■ 1E2A09

■ 1A2A00

■ 1F2A0D

■ 212A12

■ 222A16

■ 242A1A

■ 262A1E

■ 272A22

■ 292A27

■ 2A2A2B

Harmonies

Analogous

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



2D2600



1C2A05



012D16

Triad

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



1C2A05



002B43



431624

Complementary

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



1C2A05



13052A

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.



3C1935



1C2A05



022747

Square

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



1C2A05



002D38



292041



421914

Rectangle

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



1C2A05



002D22



292041



42162A

Sweetspot

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



1C2A05



303628



2A1305



191C13



9C9C9C



1C1C1C

Same Dimension

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



1C2A05



213600



0A2A05



141412



345400



84D400

Inverse Universe

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



13052A



140036



25052A



131214



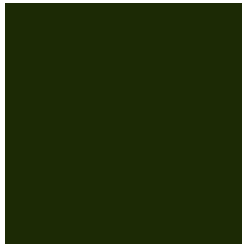
200054



5000D4

Previews

White Background



This preview shows how the Hex color 1C2A05 looks on a white background.

Color Contrast Check

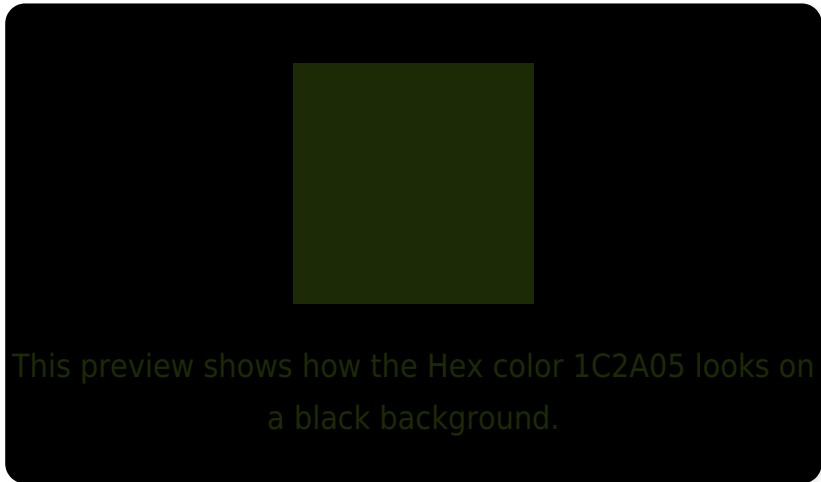
Large Text (above 18pt) WCAG AA ✓ Pass

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

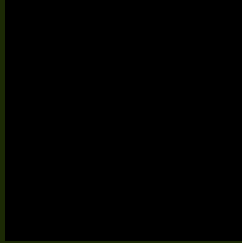
Any Text WCAG AA × Fail

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 1C2A05 Background



This preview shows how black text looks on a background with the Hex color 1C2A05.



This preview shows how white text looks on a background with the Hex color 1C2A05.

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
1C2A05

Protanopia
2B2604

Deuteranopia
302409

Trichromacy



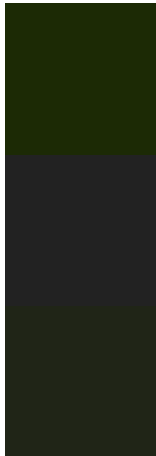
Original Color
1C2A05

Protanomaly
262704

Deuteranomaly
292608

Tritanomaly
1F281D

Monochromacy



Original Color
1C2A05

Achromatopsia
222222

Achromatomaly
202517

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2A05 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 #1C2A05 looks like.

```
.text, #text, p{  
    color:#1C2A05  
}
```

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 #1C2A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2A05
}
```

Border

The CSS property to change the border of an element to Hex 1C2A05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

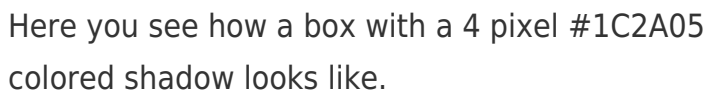
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C2A05 }
```

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

```
.border{ border-color:#1C2A05 }
```

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



Here you see how a box with a 4 pixel #1C2A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2A05; -webkit-box-shadow:4px 4px  
4px 4px #1C2A05; box-shadow:4px 4px 4px  
4px #1C2A05 }
```

Background

The CSS property to change the background color of an element to Hex 1C2A05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2A05 }
```

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

```
.background{ background-color:#1C2A05 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor