

Converting Colors

Hex(1A3205)

Have a look what the booklet for
Hex(1A3205) contains.

| | |
|--|----|
| Hex(1A3205) | 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(1A3205)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 1A3205 |
| RGB | 26, 50, 5 |
| RGB Percent | 10%, 20%, 2% |
| CMY | 0.8980, 0.8039, 0.9804 |
| CMYK | 0.48, 0.00, 0.90, 0.80 |
| HSL | 92°, 82%, 11% |
| HSV | 92°, 90%, 20% |
| XYZ | 1.5940, 2.5118, 0.5444 |
| YIQ | 37.6940, 0.1410, -19.0830 |

Conversions

Conversions Part 2

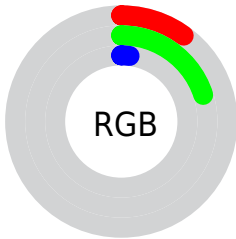
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 5, 50, 29 |
| Decimal | 1716741 |
| CIELab | 17.97, -18.45, 23.20 |
| CIELCh | 18, 29.639, 128.490 |
| Yxy | 2.5118, 0.3428, 0.5401 |
| Android (android.graphics.Color) | 4279906821 (0xFF1A3205) |
| YUV | 37.6940, -16.1181, -10.2556 |
| Hunter-Lab | 15.8486, -9.7821, 9.0574 |

Details

The Hex color **1A3205** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1D0532**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **486133**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **173200**, and if you desaturate by 10%, it is **1D320A**.

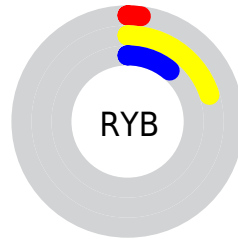
Distribution



Red (10%)

Green (20%)

Blue (2%)



Red (2%)

Yellow (20%)

Blue (11%)

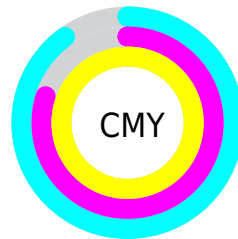


Cyan (48%)

Magenta (0%)

Yellow (90%)

Black (80%)



Cyan (90%)

Magenta (80%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3205 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 1A3205 by changing the saturation by 10% instead.

 1A3205

 1A3205

 FFFFE8

 001E00

 486133

 000000

 60794A

 799362

 93AE7B

 AEC995

 CAE6B0

 E6FFCB

 1A3205

 1A3205

■ 173200

■ 1D320A

■ 1F320F

■ 223214

■ 253219

■ 27321E

■ 2A3223

■ 2D3228

■ 2F322D

■ 323232

Harmonies

Analogous

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



322D00



1A3205



00351B

Triad

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



1A3205



003254



521627

Complementary

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



1A3205



1D0532

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.



4A1A3C



1A3205



002C56

Square

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



1A3205



003546



34234E



4F1C12

Rectangle

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



1A3205



00362A



34234E



51162E

Sweetspot

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



1A3205



37402F



321D05



1B2117



A1A1A1



212121

Same Dimension

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



1A3205



1E4000



053207



181A17



2A5900



65D900

Inverse Universe

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



1D0532



220040



320531



18171A



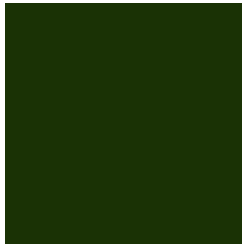
300059



7400D9

Previews

White Background



This preview shows how the Hex color 1A3205 looks on a white background.

Color Contrast Check

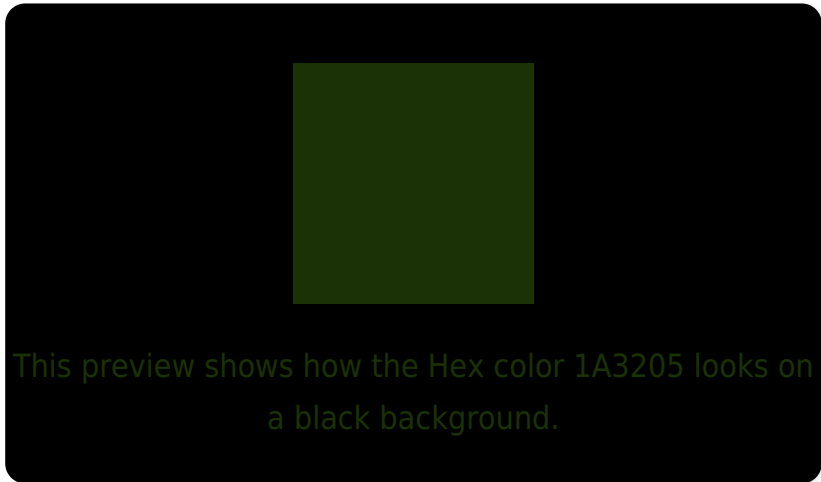
Large Text (above 18pt) WCAG AA ✓ Pass

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

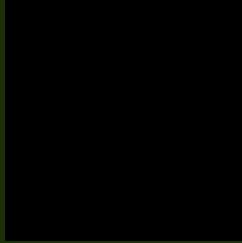
Any Text WCAG AA × Fail

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 1A3205 Background



This preview shows how black text looks on a background with the Hex color 1A3205.



This preview shows how white text looks on a background with the Hex color 1A3205.

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
1A3205

Protanopia
322C02

Deuteranopia
372A0B

Trichromacy



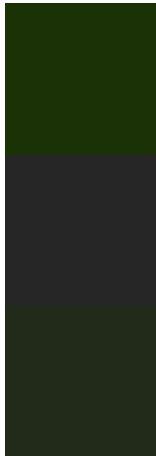
Original Color
1A3205

Protanomaly
292E03

Deuteranomaly
2C2D09

Tritanomaly
1E2F22

Monochromacy



Original Color
1A3205

Achromatopsia
262626

Achromatomaly
222A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3205 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 #1A3205 looks like.

```
.text, #text, p{  
    color:#1A3205  
}
```

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 #1A3205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3205
}
```

Border

The CSS property to change the border of an element to Hex 1A3205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

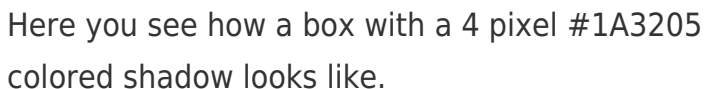
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A3205 }
```

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

```
.border{ border-color:#1A3205 }
```

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



Here you see how a box with a 4 pixel #1A3205 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3205; -webkit-box-shadow:4px 4px  
4px 4px #1A3205; box-shadow:4px 4px 4px  
4px #1A3205 }
```

Background

The CSS property to change the background color of an element to Hex 1A3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3205 }
```

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

```
.background{ background-color:#1A3205 }
```

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