

Converting Colors

Hex(2A2B05)

Have a look what the booklet for
Hex(2A2B05) contains.

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Color

Hex(2A2B05)

Conversions

Conversions Part 1

Format	Color
Hex	2A2B05
RGB	42, 43, 5
RGB Percent	16%, 17%, 2%
CMY	0.8353, 0.8314, 0.9804
CMYK	0.02, 0.00, 0.88, 0.83
HSL	62°, 79%, 9%
HSV	62°, 88%, 17%
XYZ	1.8461, 2.2310, 0.4769
YIQ	38.3690, 11.6020, -12.0300

Conversions

Conversions Part 2

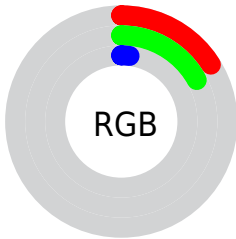
Format	Color
R_{YB}	5, 43, 6
Decimal	2763525
CIE Lab	16.66, -6.35, 21.89
CIE LCh	17, 22.798, 106.180
Yxy	2.2310, 0.4054, 0.4899
Android (android.graphics.Color)	4280953605 (0xFF2A2B05)
YUV	38.3690, -16.4509, 3.1844
Hunter-Lab	14.9364, -4.0763, 8.5624

Details

The Hex color **2A2B05** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **06052B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **585833**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A2B01**, and if you desaturate by 10%, it is **2A2B09**.

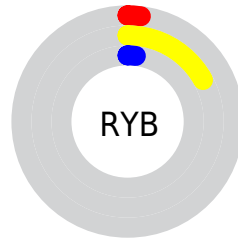
Distribution



Red (16%)

Green (17%)

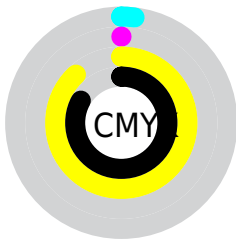
Blue (2%)



Red (2%)

Yellow (17%)

Blue (2%)

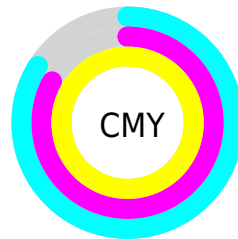


Cyan (2%)

Magenta (0%)

Yellow (88%)

Black (83%)



Cyan (84%)

Magenta (83%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2B05 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 2A2B05 by changing the saturation by 10% instead.

 2A2B05

 2A2B05

 FFFFE7

 131700

 585833

 000000

 717149

 8B8A62

 A6A47B

 C1BF95

 DDDBAF

 FAF8CB

 2A2B05

 2A2B05

■ 2A2B01

■ 2A2B09

■ 2A2B00

■ 2A2B0E

■ 2A2B12

■ 2A2B16

■ 2B2B1A

■ 2B2B1F

■ 2B2B23

■ 2B2B27

■ 2B2B2C

Harmonies

Analogous

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



392605



2A2B05



172F11

Triad

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



2A2B05



003040



431C31

Complementary

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



2A2B05



06052B

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.



352140



2A2B05



002D49

Square

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



2A2B05



003132



1C2848



471B21

Rectangle

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



2A2B05



04301B



1C2848



401D37

Sweetspot

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



2A2B05



383829



2B0605



1C1C13



9C9C9C



1C1C1C

Same Dimension

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



2A2B05



373800



172B05



141412



525400



CED400

Inverse Universe

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



06052B



010038



19052B



121214



020054



0600D4

Previews

White Background



This preview shows how the Hex color 2A2B05 looks on a white background.

Color Contrast Check

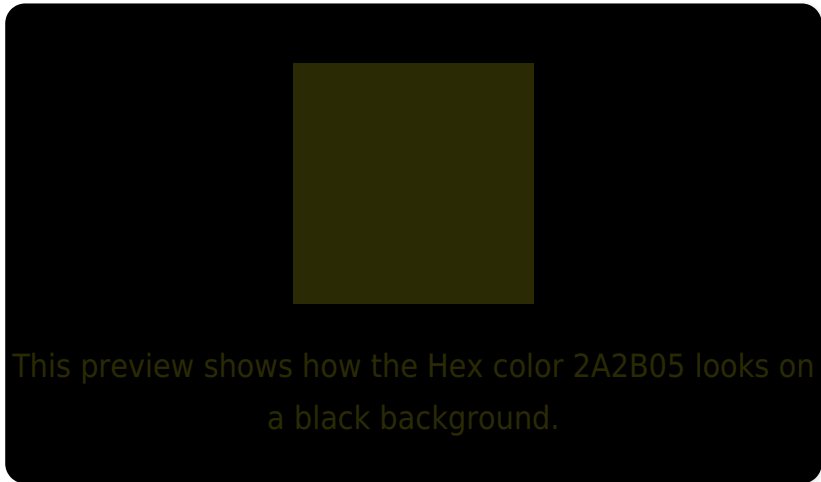
Large Text (above 18pt) WCAG AA ✓ Pass

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

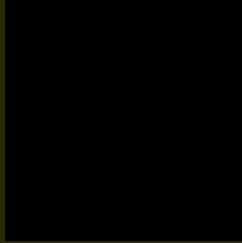
Any Text WCAG AA × Fail

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 2A2B05 Background



This preview shows how black text looks on a background with the Hex color 2A2B05.

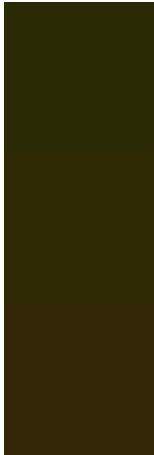


This preview shows how white text looks on a background with the Hex color 2A2B05.

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
2A2B05

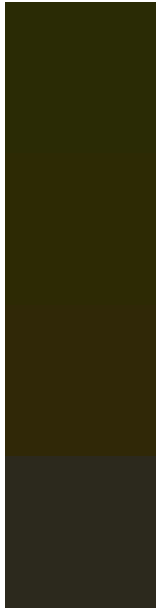
Protanopia
2F2904

Deuteranopia
342708



Tritanopia
2D282B

Trichromacy



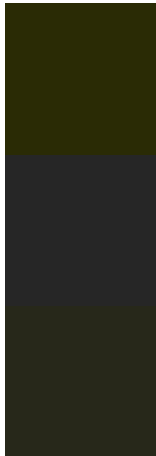
Original Color
2A2B05

Protanomaly
2D2A04

Deuteranomaly
302807

Tritanomaly
2C291D

Monochromacy



Original Color
2A2B05

Achromatopsia
262626

Achromatomaly
27281A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2B05 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 #2A2B05 looks like.

```
.text, #text, p{  
    color:#2A2B05  
}
```

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 #2A2B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2B05
}
```

Border

The CSS property to change the border of an element to Hex 2A2B05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

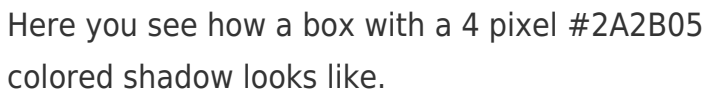
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2B05 }
```

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

```
.border{ border-color:#2A2B05 }
```

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



Here you see how a box with a 4 pixel #2A2B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2B05; -webkit-box-shadow:4px 4px  
4px 4px #2A2B05; box-shadow:4px 4px 4px  
4px #2A2B05 }
```

Background

The CSS property to change the background color of an element to Hex 2A2B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2B05 }
```

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

```
.background{ background-color:#2A2B05 }
```

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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