

# Converting Colors

Hex(282A09)

Have a look what the booklet for  
Hex(282A09) contains.

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**Color**

**Hex(282A09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	282A09
RGB	40, 42, 9
RGB Percent	16%, 16%, 4%
CMY	0.8431, 0.8353, 0.9647
CMYK	0.05, 0.00, 0.79, 0.84
HSL	64°, 65%, 10%
HSV	64°, 79%, 16%
XYZ	1.7523, 2.1268, 0.5766
YIQ	37.6400, 9.4010, -10.6870

# Conversions

## Conversions Part 2

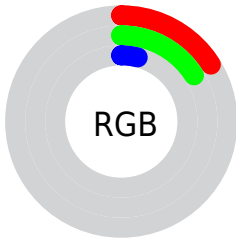
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 42, 11
Decimal	2632201
CIE <sub>Lab</sub>	16.14, -6.44, 19.58
CIE <sub>LCh</sub>	16, 20.611, 108.212
Yxy	2.1268, 0.3933, 0.4773
Android (android.graphics.Color)	4280822281 (0xFF282A09)
YUV	37.6400, -14.1195, 2.0697
Hunter-Lab	14.5834, -4.0725, 7.8642

# Details

The Hex color **282A09** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B092A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **565735**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **282A05**, and if you desaturate by 10%, it is **282A0D**.

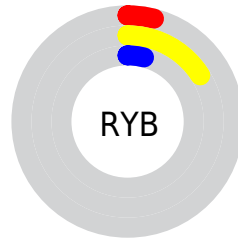
# Distribution



Red (16%)

Green (16%)

Blue (4%)



Red (4%)

Yellow (16%)

Blue (4%)

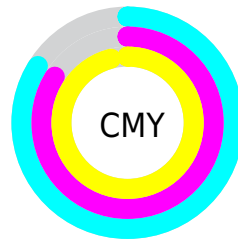


Cyan (5%)

Magenta (0%)

Yellow (79%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 282A09 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 282A09 by changing the saturation by 10% instead.



 282A09

 282A09

 FFFFEA

 101600

 565735

 000000

 6F704C

 888964

 A3A37D

 BEBE98

 DADAB2

 F7F6CE

 282A09

 282A09

■ 282A05

■ 282A0D

■ 272A01

■ 292A11

■ 272A00

■ 292A16

■ 292A1A

■ 292A1E

■ 2A2A22

■ 2A2A26

■ 2A2A2B

■ 2A2A2F

# Harmonies

## Analogous

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



362508



282A09



172D14

# Triad

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



282A09



002E3E



401C2E

# Complementary

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



282A09



0B092A

# 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.



34213C



282A09



002B45

# Square

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



282A09



002F31



1F2644



431C20

# Rectangle

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



282A09



062F1D



1F2644



3D1D33



# Sweetspot

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



282A09



353629



2A0B09



1C1C14



9C9C9C



1C1C1C



# Same Dimension

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



282A09



323603



182A09



141412



4F5400



C7D400



# Inverse Universe

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



0B092A



060336



1B092A



121214



050054

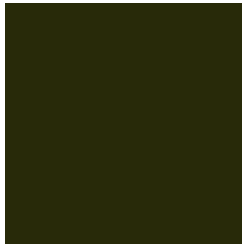


0D00D4



# Previews

## White Background



This preview shows how the Hex color 282A09 looks on a white background.

## Color Contrast Check

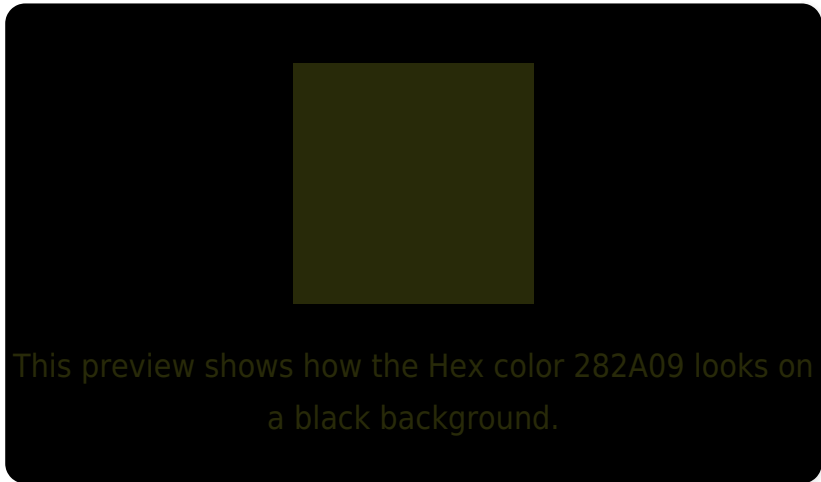
Large Text (above 18pt) WCAG AA ✓ Pass

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

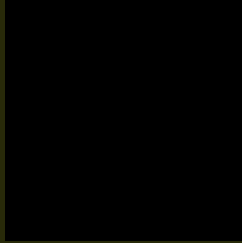
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

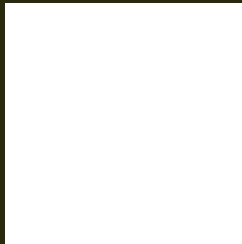
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 282A09 Background



This preview shows how black text looks on a background with the Hex color 282A09.

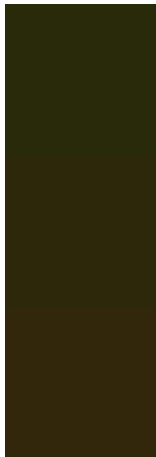


This preview shows how white text looks on a background with the Hex color 282A09.

# 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**  
282A09

**Protanopia**  
2D2809

**Deuteranopia**  
32260B



**Tritanopia**  
2B272A

# Trichromacy



**Original Color**  
282A09

**Protanomaly**  
2B2909

**Deuteranomaly**  
2E270A

**Tritanomaly**  
2A281E

# Monochromacy



**Original Color**  
282A09

**Achromatopsia**  
262626

**Achromatomaly**  
27271B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 282A09 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 #282A09 looks like.

```
.text, #text, p{  
    color:#282A09  
}
```

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 #282A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282A09
}
```

## Border

The CSS property to change the border of an element to Hex 282A09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

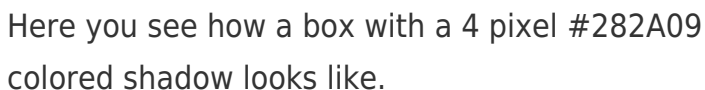
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282A09 }
```

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

```
.border{ border-color:#282A09 }
```

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



Here you see how a box with a 4 pixel #282A09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282A09; -webkit-box-shadow:4px 4px  
4px 4px #282A09; box-shadow:4px 4px 4px  
4px #282A09 }
```

# Background

The CSS property to change the background color of an element to Hex 282A09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282A09 }
```

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

```
.background{ background-color:#282A09 }
```

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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