

# Converting Colors

Hex(282F00)

Have a look what the booklet for  
Hex(282F00) contains.

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# Color

**Hex(282F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	282F00
RGB	40, 47, 0
RGB Percent	16%, 18%, 0%
CMY	0.8431, 0.8157, 1.0000
CMYK	0.15, 0.00, 1.00, 0.82
HSL	69°, 100%, 9%
HSV	69°, 100%, 18%
XYZ	1.8916, 2.4841, 0.3798
YIQ	39.5490, 10.9150, -16.1010

# Conversions

## Conversions Part 2

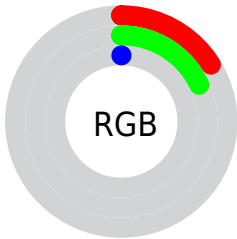
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 47, 7
Decimal	2633472
CIELab	17.85, -10.39, 25.34
CIELCh	18, 27.387, 112.303
Yxy	2.4841, 0.3978, 0.5224
Android (android.graphics.Color)	4280823552 (0xFF282F00)
YUV	39.5490, -19.4977, 0.3955
Hunter-Lab	15.7612, -6.1593, 9.6041

# Details

The Hex color **282F00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **07002F**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **565D2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **282F00**, and if you desaturate by 10%, it is **292F05**.

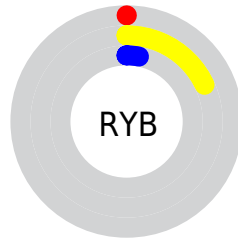
# Distribution



Red (16%)

Green (18%)

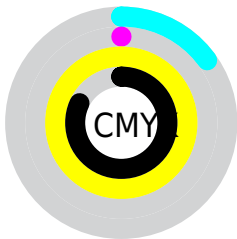
Blue (0%)



Red (0%)

Yellow (18%)

Blue (3%)

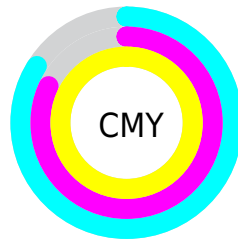


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (82%)



Cyan (84%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 282F00 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 282F00 by changing the saturation by 10% instead.



 282F00

 282F00

 FFFFE3

 101B00

 565D2F

 000000

 6F7546

 898F5E

 A4A977

 BFC591

 DBE1AC

 F8FDC7

 282F00

■ 292F05

■ 292F09

■ 2A2F0E

■ 2B2F13

■ 2C2F18

■ 2C2F1C

■ 2D2F21

■ 2E2F26

■ 2E2F2A

# Harmonies

## Analogous

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



3A2900



282F00



0D3312

# Triad

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



282F00



00334B



4D1932

# Complementary

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



282F00



07002F

# 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.



3F2044



282F00



002F53

# Square

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



282F00



00353A



222950



4F1A1E

# Rectangle

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



282F00



00341F



222950



491B38



# Sweetspot

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



282F00



3A3D2B



2F0600



1D1F14



9E9E9E



1F1F1F



# Same Dimension

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



282F00



343D00



112F00



171715



4A5700



B6D600



# Inverse Universe

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



07002F



09003D



1E002F



151517



0D0057



2000D6



# Previews

## White Background



This preview shows how the Hex color 282F00 looks on a white background.

## Color Contrast Check

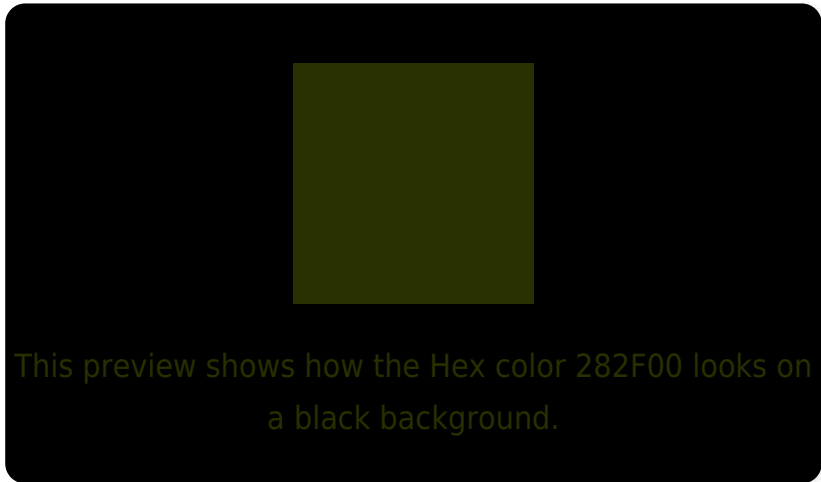
Large Text (above 18pt) WCAG AA ✓ Pass

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

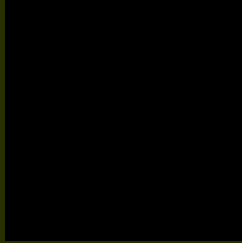
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 282F00 Background



This preview shows how black text looks on a background with the Hex color 282F00.



This preview shows how white text looks on a background with the Hex color 282F00.

# 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**  
282F00

**Protanopia**  
322C00

**Deuteranopia**  
372A08



# Trichromacy



**Original Color**  
282F00

**Protanomaly**  
2E2D00

**Deuteranomaly**  
322C05

**Tritanomaly**  
2B2D1E

# Monochromacy



**Original Color**  
282F00

**Achromatopsia**  
282828

**Achromatomaly**  
282B19

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 282F00 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 #282F00 looks like.

```
.text, #text, p{  
    color:#282F00  
}
```

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 #282F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282F00
}
```

## Border

The CSS property to change the border of an element to Hex 282F00 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".

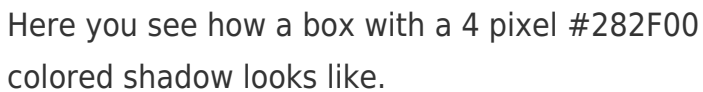
```
.border, #border, table{ border:4px solid
#282F00 }
```

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

```
.border{ border-color:#282F00 }
```

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

Here you see how a box with a 4 pixel #282F00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282F00; -webkit-box-shadow:4px 4px  
4px 4px #282F00; box-shadow:4px 4px 4px  
4px #282F00 }
```

# Background

The CSS property to change the background color of an element to Hex 282F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282F00 }
```

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

```
.background{ background-color:#282F00 }
```

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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