

Converting Colors

Hex(282257)

Have a look what the booklet for
Hex(282257) contains.

Hex(282257)	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(282257)

Conversions

Conversions Part 1

Format	Color
Hex	282257
RGB	40, 34, 87
RGB Percent	16%, 13%, 34%
CMY	0.8431, 0.8667, 0.6588
CMYK	0.54, 0.61, 0.00, 0.66
HSL	247°, 44%, 24%
HSV	247°, 61%, 34%
XYZ	3.1674, 2.2833, 9.2906
YIQ	41.8360, -13.4370, 17.7550

Conversions

Conversions Part 2

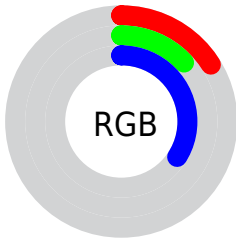
Format	Color
R_YB	40, 34, 87
Decimal	2630231
CIE _{Lab}	16.91, 19.05, -31.31
CIE _{LCh}	17, 36.651, 301.321
Yxy	2.2833, 0.2149, 0.1549
Android (android.graphics.Color)	4280820311 (0xFF282257)
YUV	41.8360, 22.2659, -1.6102
Hunter-Lab	15.1106, 10.9728, -25.8766

Details

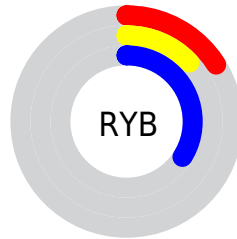
The Hex color **282257** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **515722**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5A4F89**, and **000029** is the 20% darker color. If you saturate the color by 10%, you get **201957**, and if you desaturate by 10%, it is **302B57**.

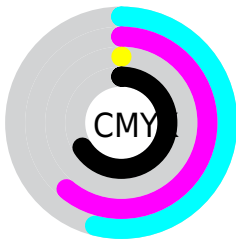
Distribution



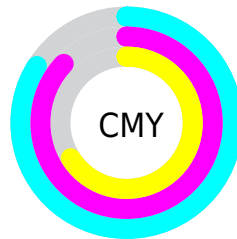
- Red (16%)
- Green (13%)
- Blue (34%)



- Red (16%)
- Yellow (13%)
- Blue (34%)



- Cyan (54%)
- Magenta (61%)
- Yellow (0%)
- Black (66%)



- Cyan (84%)
- Magenta (87%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282257 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 282257 by changing the saturation by 10% instead.

■ 282257

■ 282257

FFFFFF

■ 0E0E3F

■ 5A4F89

■ 000029

■ 7367A4

■ 000113

■ 8D80BF

■ 000000

■ A89ADB

■ C4B5F8

■ E1D0FF

■ FDECFE

■ 282257

■ 282257

■ 201957

■ 302B57

■ 191157

■ 373357

■ 110857

■ 3F3C57

■ 0A0057

■ 474557

■ 4F4E57

■ 565657

■ 5E5F57

■ 666857

■ 6D7057

Harmonies

Analogous

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



002D5F



282257



491343

Triad

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



282257



481E00



00352A

Complementary

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



282257



515722

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.



00330E



282257



342900

Square

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



282257



540F10



1A3000



003544

Rectangle

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



282257



540932



1A3000



003421

Sweetspot

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



282257



5E5C70



225257



2D2C38



B8B8B8



383838

Same Dimension

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



282257



281E70



422257



28272B



0C006B



1B00EB

Inverse Universe

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



572251



701E67



375722



2B272B



6B005F



EB00D0

Previews

White Background



This preview shows how the Hex color 282257 looks on a white background.

Color Contrast Check

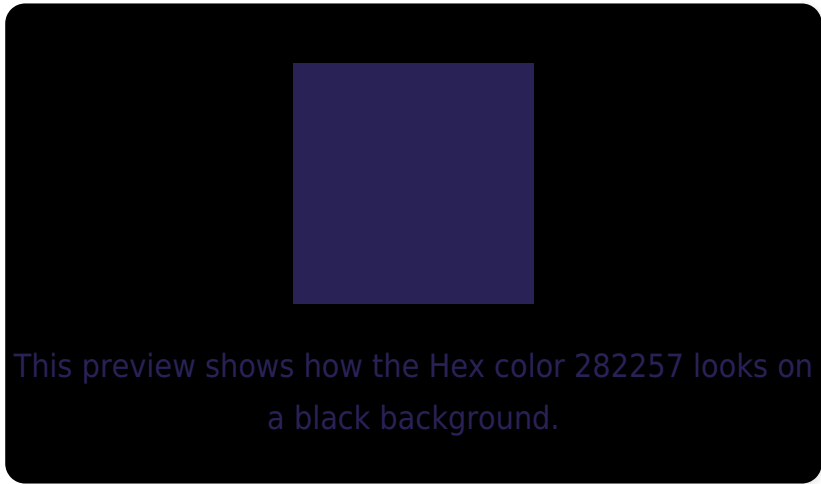
Large Text (above 18pt) WCAG AA ✓ Pass

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

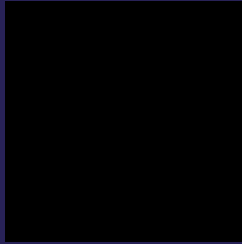
Any Text WCAG AA × Fail

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 282257 Background



This preview shows how black text looks on a background with the Hex color 282257.



This preview shows how white text looks on a background with the Hex color 282257.

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
282257

Protanopia
002956

Deuteranopia
002B4A



Tritanopia
1B2D30

Trichromacy



Original Color
282257

Protanomaly
0F2656

Deuteranomaly
0F284F

Tritanomaly
20293E

Monochromacy



Original Color
282257

Achromatopsia
2A2A2A

Achromatomaly
29273A

CSS Examples

Text

The CSS property to change the color of the text to Hex 282257 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 #282257 looks like.

```
.text, #text, p{  
    color:#282257  
}
```

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 #282257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282257  
}
```

Border

The CSS property to change the border of an element to Hex 282257 is called "border". The border property can be set on classes, ids or directly on the HTML element.

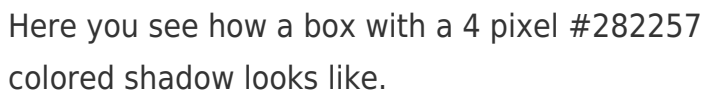
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#282257 }
```

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

```
.border{ border-color:#282257 }
```

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



Here you see how a box with a 4 pixel #282257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282257; -webkit-box-shadow:4px 4px  
4px 4px #282257; box-shadow:4px 4px 4px  
4px #282257 }
```

Background

The CSS property to change the background color of an element to Hex 282257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282257 }
```

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

```
.background{ background-color:#282257 }
```

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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