

Converting Colors

Hex(282F7F)

Have a look what the booklet for
Hex(282F7F) contains.

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Color

Hex(282F7F)

Conversions

Conversions Part 1

Format	Color
Hex	282F7F
RGB	40, 47, 127
RGB Percent	16%, 18%, 50%
CMY	0.8431, 0.8157, 0.5020
CMYK	0.69, 0.63, 0.00, 0.50
HSL	235°, 52%, 33%
HSV	235°, 69%, 50%
XYZ	5.7224, 4.0165, 20.5523
YIQ	54.0270, -29.8520, 23.3960

Conversions

Conversions Part 2

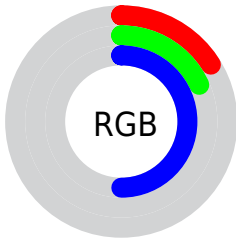
Format	Color
RYB	40, 46, 127
Decimal	2633599
CIELab	23.73, 24.73, -46.23
CIELCh	24, 52.434, 298.147
Yxy	4.0165, 0.1889, 0.1326
Android (android.graphics.Color)	4280823679 (0xFF282F7F)
YUV	54.0270, 35.9757, -12.3017
Hunter-Lab	20.0411, 15.8954, -46.7737

Details

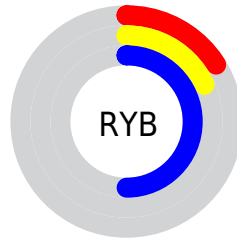
The Hex color **282F7F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7F7828**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **615DB5**, and **00034D** is the 20% darker color. If you saturate the color by 10%, you get **1B237F**, and if you desaturate by 10%, it is **353B7F**.

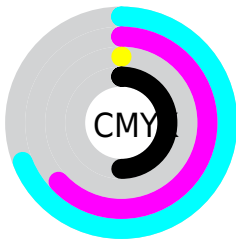
Distribution



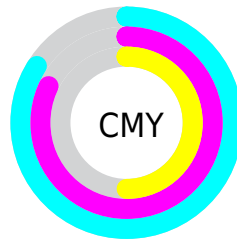
- Red (16%)
- Green (18%)
- Blue (50%)



- Red (16%)
- Yellow (18%)
- Blue (50%)



- Cyan (69%)
- Magenta (63%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (82%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282F7F 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 282F7F by changing the saturation by 10% instead.



282F7F



282F7F

FFFFFF



001A65



615DB5



00034D



7C76D0



000535



988FED



00021F



B4AAFF



000002



D0C5FF



000000



EEE1FF



FFFEFF



282F7F



282F7F

■ 1B237F

■ 353B7F

■ 0F187F

■ 41467F

■ 020C7F

■ 4E527F

■ 000A7F

■ 5B5E7F

■ 68697F

■ 74757F

■ 81817F

■ 8E8C7F

■ 9A987F

Harmonies

Analogous

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



003F88



282F7F



631363

Triad

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



282F7F



662400



004835

Complementary

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



282F7F



7F7828

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.



004608



282F7F



483600

Square

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



282F7F



770016



224100



00485D

Rectangle

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



282F7F



74004A



224100



004727

Sweetspot

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



282F7F



8386A6



287F78



3F4154



D4D4D4



545454

Same Dimension

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



282F7F



1E29A6



4C287F



393A40



000A80



000000

Inverse Universe

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



7F282F



A61E29



5B7F28



40393A



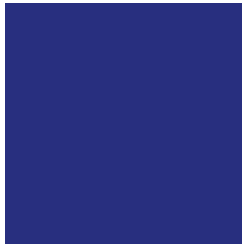
80000A



000000

Previews

White Background



This preview shows how the Hex color 282F7F looks on a white background.

Color Contrast Check

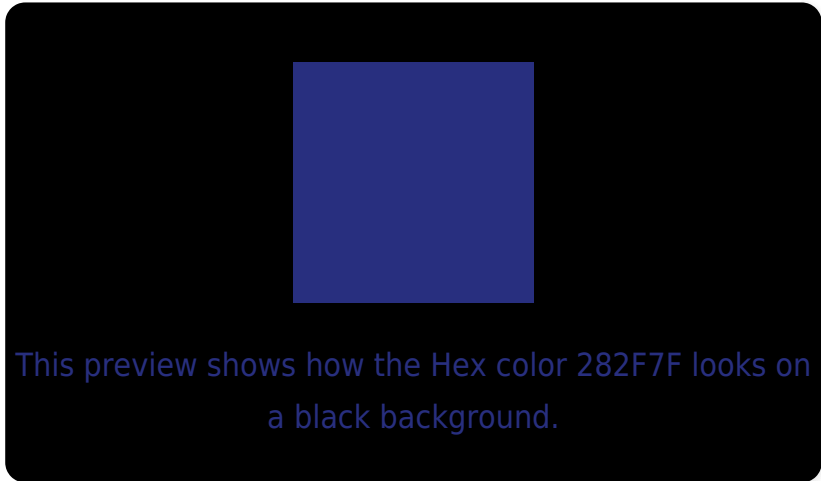
Large Text (above 18pt) WCAG AA ✓ Pass

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

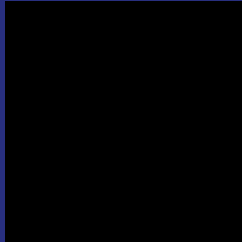
Any Text WCAG AA × Fail

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 282F7F Background



This preview shows how black text looks on a background with the Hex color 282F7F.



This preview shows how white text looks on a background with the Hex color 282F7F.

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
282F7F

Protanopia
003774

Deuteranopia
003A63



Tritanopia
003F43

Trichromacy



Original Color
282F7F

Protanomaly
0F3478

Deuteranomaly
0F366D

Tritanomaly
0F3959

Monochromacy



Original Color
282F7F

Achromatopsia
363636

Achromatomaly
313351

CSS Examples

Text

The CSS property to change the color of the text to Hex 282F7F 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 #282F7F looks like.

```
.text, #text, p{  
    color:#282F7F  
}
```

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 #282F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282F7F
}
```

Border

The CSS property to change the border of an element to Hex 282F7F 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
#282F7F }
```

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

```
.border{ border-color:#282F7F }
```

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

Here you see how a box with a 4 pixel #282F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282F7F; -webkit-box-shadow:4px 4px  
4px 4px #282F7F; box-shadow:4px 4px 4px  
4px #282F7F }
```

Background

The CSS property to change the background color of an element to Hex 282F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282F7F }
```

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

```
.background{ background-color:#282F7F }
```

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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