

Converting Colors

Hex(282B8F)

Have a look what the booklet for
Hex(282B8F) contains.

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Color

Hex(282B8F)

Conversions

Conversions Part 1

Format	Color
Hex	282B8F
RGB	40, 43, 143
RGB Percent	16%, 17%, 56%
CMY	0.8431, 0.8314, 0.4392
CMYK	0.72, 0.70, 0.00, 0.44
HSL	238°, 56%, 36%
HSV	238°, 72%, 56%
XYZ	6.6969, 4.1620, 26.4370
YIQ	53.5030, -33.8880, 30.4640

Conversions

Conversions Part 2

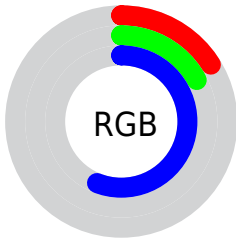
Format	Color
R_{YB}	40, 43, 143
Decimal	2632591
CIE _{Lab}	24.20, 33.24, -55.46
CIE _{LCh}	24, 64.657, 300.934
Yxy	4.1620, 0.1796, 0.1116
Android (android.graphics.Color)	4280822671 (0xFF282B8F)
YUV	53.5030, 44.1220, -11.8421
Hunter-Lab	20.4011, 22.8927, -62.5509

Details

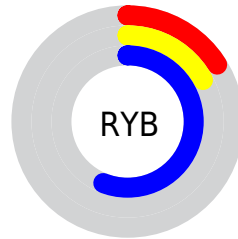
The Hex color **282B8F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F8C28**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6559C6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **1A1D8F**, and if you desaturate by 10%, it is **36398F**.

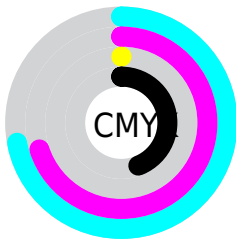
Distribution



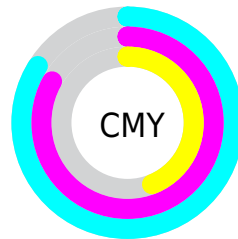
- Red (16%)
- Green (17%)
- Blue (56%)



- Red (16%)
- Yellow (17%)
- Blue (56%)



- Cyan (72%)
- Magenta (70%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282B8F 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 282B8F by changing the saturation by 10% instead.

■ 282B8F

■ 282B8F

FFFFFF

■ 001675

■ 6559C6

■ 00005B

■ 8172E2

■ 000143

■ 9D8BFF

■ 00032C

■ BAA6FF

■ 000116

■ D7C1FF

■ 000000

■ F5DDFF

■ FFFAFF

■ 282B8F

■ 282B8F

■ 1A1D8F

■ 36398F

■ 0B0F8F

■ 45478F

■ 00048F

■ 53558F

■ 61638F

■ 70708F

■ 7E7E8F

■ 8C8C8F

■ 9A9A8F

■ A9A88F

Harmonies

Analogous

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



00419E



282B8F



71006A

Triad

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



282B8F



6B2100



004B3A

Complementary

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



282B8F



8F8C28

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.



004900



282B8F



463900

Square

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



282B8F



830009



0C4400



004C6B

Rectangle

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



282B8F



84004B



0C4400



004B29

Sweetspot

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



282B8F



9192BA



288F8C



46475E



DEDEDE



5E5E5E

Same Dimension

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



282B8F



1A1FBA



58288F



404047



000487



000008

Inverse Universe

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



8F282B



BA1A1F



5F8F28



474040



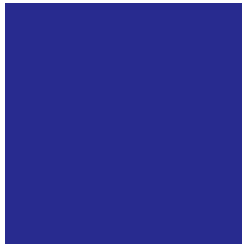
870004



080000

Previews

White Background



This preview shows how the Hex color 282B8F looks on a white background.

Color Contrast Check

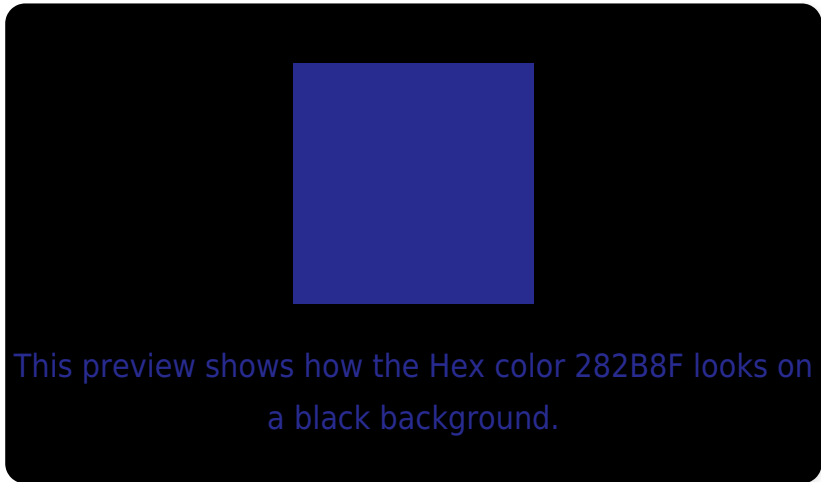
Large Text (above 18pt) WCAG AA ✓ Pass

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

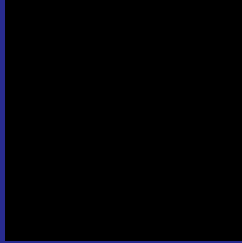
Any Text WCAG AA × Fail

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 282B8F Background



This preview shows how black text looks on a background with the Hex color 282B8F.

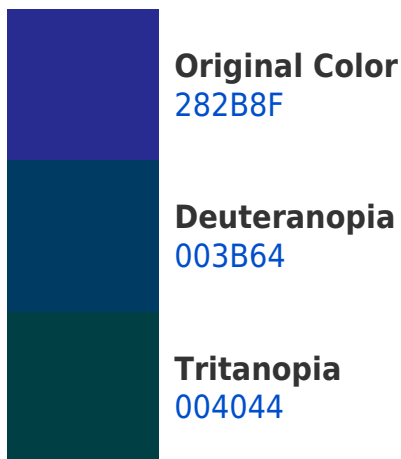


This preview shows how white text looks on a background with the Hex color 282B8F.

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



Trichromacy



Original Color
282B8F

Deuteranomaly
0F3574

Tritanomaly
0F385F

Monochromacy



Original Color
282B8F

Achromatopsia
363636

Achromatomaly
313256

CSS Examples

Text

The CSS property to change the color of the text to Hex 282B8F 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 #282B8F looks like.

```
.text, #text, p{  
    color:#282B8F  
}
```

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 #282B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282B8F
}
```

Border

The CSS property to change the border of an element to Hex 282B8F 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
#282B8F }
```

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

```
.border{ border-color:#282B8F }
```

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

Here you see how a box with a 4 pixel #282B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282B8F; -webkit-box-shadow:4px 4px  
4px 4px #282B8F; box-shadow:4px 4px 4px  
4px #282B8F }
```

Background

The CSS property to change the background color of an element to Hex 282B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282B8F }
```

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

```
.background{ background-color:#282B8F }
```

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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