

Converting Colors

Hex(282C85)

Have a look what the booklet for
Hex(282C85) contains.

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Color

Hex(282C85)

Conversions

Conversions Part 1

Format	Color
Hex	282C85
RGB	40, 44, 133
RGB Percent	16%, 17%, 52%
CMY	0.8431, 0.8275, 0.4784
CMYK	0.70, 0.67, 0.00, 0.48
HSL	237°, 54%, 34%
HSV	237°, 70%, 52%
XYZ	6.0094, 3.9459, 22.6352
YIQ	52.9500, -30.9530, 26.8310

Conversions

Conversions Part 2

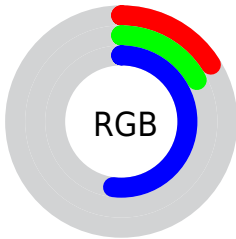
Format	Color
R_{YB}	40, 44, 133
Decimal	2632837
CIE _{Lab}	23.49, 28.97, -50.39
CIE _{LCh}	23, 58.121, 299.893
Yxy	3.9459, 0.1844, 0.1211
Android (android.graphics.Color)	4280822917 (0xFF282C85)
YUV	52.9500, 39.4647, -11.3571
Hunter-Lab	19.8644, 19.2373, -53.6552

Details

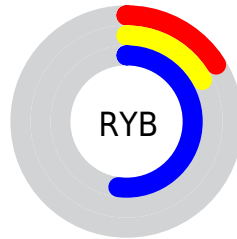
The Hex color **282C85** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **858128**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **625ABB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **1B1F85**, and if you desaturate by 10%, it is **353985**.

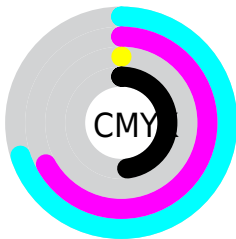
Distribution



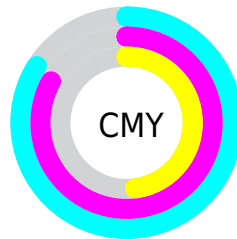
- Red (16%)
- Green (17%)
- Blue (52%)



- Red (16%)
- Yellow (17%)
- Blue (52%)



- Cyan (70%)
- Magenta (67%)
- Yellow (0%)
- Black (48%)



- Cyan (84%)
- Magenta (83%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282C85 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 282C85 by changing the saturation by 10% instead.

■ 282C85

■ 282C85

FFFFFF

■ 00176B

■ 625ABB

■ 000052

■ 7E73D7

■ 00053A

■ 9A8CF4

■ 000224

■ B6A7FF

■ 00000B

■ D3C2FF

■ 000000

■ F1DEFF

■ FFFAFF

■ 282C85

■ 282C85

■ 1B1F85

■ 353985

■ 0D1385

■ 434585

■ 000685

■ 505285

■ 5D5F85

■ 6B6C85

■ 787885

■ 858585

■ 929285

■ A09F85

Harmonies

Analogous

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



003F91



282C85



690165

Triad

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



282C85



672200



004837

Complementary

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



282C85



858128

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.



004604



282C85



463700

Square

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



282C85



7C0010



174100



004963

Rectangle

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



282C85



7B0049



174100



004827

Sweetspot

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



282C85



898BAD



288580



414257



D6D6D6



575757

Same Dimension

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



282C85



1C22AD



522885



3C3C42



000682



000003

Inverse Universe

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



85282C



AD1C22



5B8528



423C3C



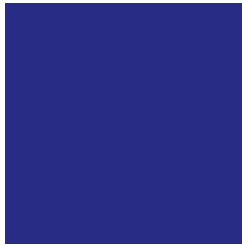
820006



030000

Previews

White Background



This preview shows how the Hex color 282C85 looks on a white background.

Color Contrast Check

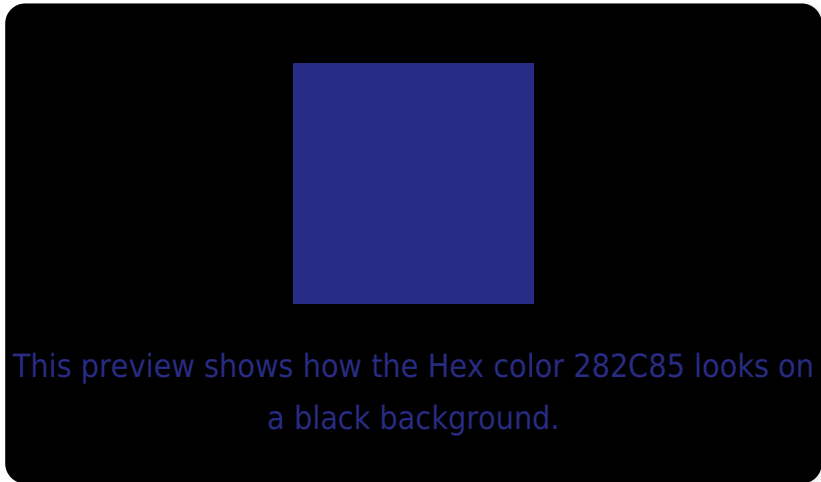
Large Text (above 18pt) WCAG AA ✓ Pass

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

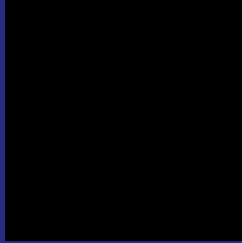
Any Text WCAG AA × Fail

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 282C85 Background



This preview shows how black text looks on a background with the Hex color 282C85.



This preview shows how white text looks on a background with the Hex color 282C85.

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
282C85

Protanopia
003672

Deuteranopia
003A62



Tritanopia
003E43

Trichromacy



Original Color
282C85

Protanomaly
0F3279

Deuteranomaly
0F356F

Tritanomaly
0F375B

Monochromacy



Original Color
282C85

Achromatopsia
353535

Achromatomaly
303252

CSS Examples

Text

The CSS property to change the color of the text to Hex 282C85 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 #282C85 looks like.

```
.text, #text, p{  
    color:#282C85  
}
```

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 #282C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282C85
}
```

Border

The CSS property to change the border of an element to Hex 282C85 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
#282C85 }
```

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

```
.border{ border-color:#282C85 }
```

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

Here you see how a box with a 4 pixel #282C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282C85; -webkit-box-shadow:4px 4px  
4px 4px #282C85; box-shadow:4px 4px 4px  
4px #282C85 }
```

Background

The CSS property to change the background color of an element to Hex 282C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282C85 }
```

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

```
.background{ background-color:#282C85 }
```

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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