

Converting Colors

Hex(282D58)

Have a look what the booklet for
Hex(282D58) contains.

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Color

Hex(282D58)

Conversions

Conversions Part 1

Format	Color
Hex	282D58
RGB	40, 45, 88
RGB Percent	16%, 18%, 35%
CMY	0.8431, 0.8235, 0.6549
CMYK	0.55, 0.49, 0.00, 0.65
HSL	234°, 38%, 25%
HSV	234°, 55%, 35%
XYZ	3.5749, 3.0325, 9.6294
YIQ	48.4070, -16.7830, 12.3130

Conversions

Conversions Part 2

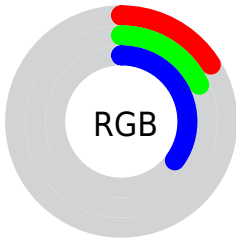
Format	Color
R_{YB}	40, 45, 88
Decimal	2633048
CIE _{Lab}	20.17, 11.60, -26.74
CIE _{LCh}	20, 29.148, 293.461
Yxy	3.0325, 0.2202, 0.1868
Android (android.graphics.Color)	4280823128 (0xFF282D58)
YUV	48.4070, 19.5193, -7.3729
Hunter-Lab	17.4140, 6.1697, -20.5958

Details

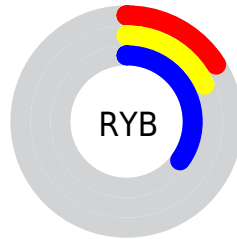
The Hex color **282D58** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **585328**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **595A8A**, and **00002A** is the 20% darker color. If you saturate the color by 10%, you get **1F2558**, and if you desaturate by 10%, it is **313558**.

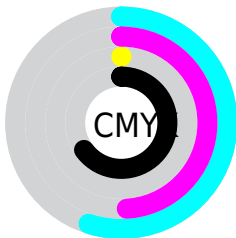
Distribution



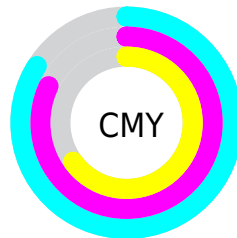
- Red (16%)
- Green (18%)
- Blue (35%)



- Red (16%)
- Yellow (18%)
- Blue (35%)



- Cyan (55%)
- Magenta (49%)
- Yellow (0%)
- Black (65%)



- Cyan (84%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282D58 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 282D58 by changing the saturation by 10% instead.

■ 282D58

■ 282D58

FFFFFF

■ 0F1940

■ 595A8A

■ 00002A

■ 7273A5

■ 000114

■ 8D8CC0

■ 000000

■ A7A7DC

■ C3C2F9

■ DFDEFF

■ FCFAFF

■ 282D58

■ 282D58

■ 1F2558

■ 313558

■ 161D58

■ 3A3D58

■ 0E1558

■ 424558

■ 050D58

■ 4B4D58

■ 000958

■ 545458

■ 5D5C58

■ 666458

■ 6E6C58

■ 777458

Harmonies

Analogous

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



00355B



282D58



46244A

Triad

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



282D58



4F250E



003A2B

Complementary

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



282D58



585328

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.



0E3916



282D58



402E00

Square

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



282D58



571E21



2B3503



003B41

Rectangle

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



282D58



511E3D



2B3503



003A24

Sweetspot

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



282D58



606273



285852



30313B



BABABA



3B3B3B

Same Dimension

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



282D58



283073



3A2858



27272B



000B6B



0018EB

Inverse Universe

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



58282D



732830



465828



2B2727



6B000B



EB0018

Previews

White Background



This preview shows how the Hex color 282D58 looks on a white background.

Color Contrast Check

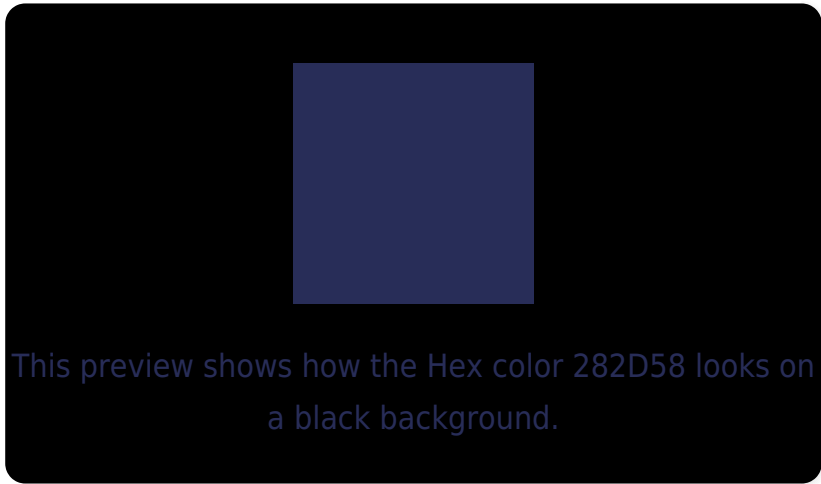
Large Text (above 18pt) WCAG AA ✓ Pass

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

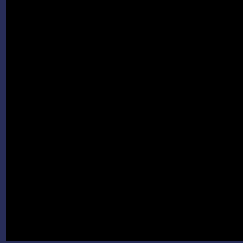
Any Text WCAG AA × Fail

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 282D58 Background



This preview shows how black text looks on a background with the Hex color 282D58.



This preview shows how white text looks on a background with the Hex color 282D58.

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](#).

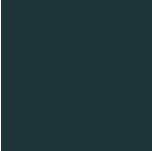
Dichromacy



Original Color
282D58

Protanopia
1A2F5A

Deuteranopia
0C3257



Tritanopia
1D3439

Trichromacy



Original Color
282D58

Protanomaly
1F2E59

Deuteranomaly
163057

Tritanomaly
213144

Monochromacy



Original Color
282D58

Achromatopsia
303030

Achromatomaly
2D2F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 282D58 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 #282D58 looks like.

```
.text, #text, p{  
    color:#282D58  
}
```

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 #282D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282D58
}
```

Border

The CSS property to change the border of an element to Hex 282D58 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
#282D58 }
```

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

```
.border{ border-color:#282D58 }
```

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

Here you see how a box with a 4 pixel #282D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282D58; -webkit-box-shadow:4px 4px  
4px 4px #282D58; box-shadow:4px 4px 4px  
4px #282D58 }
```

Background

The CSS property to change the background color of an element to Hex 282D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282D58 }
```

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

```
.background{ background-color:#282D58 }
```

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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