

Converting Colors

Hex(292D64)

Have a look what the booklet for
Hex(292D64) contains.

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Color

Hex(292D64)

Conversions

Conversions Part 1

Format	Color
Hex	292D64
RGB	41, 45, 100
RGB Percent	16%, 18%, 39%
CMY	0.8392, 0.8235, 0.6078
CMYK	0.59, 0.55, 0.00, 0.61
HSL	236°, 42%, 28%
HSV	236°, 59%, 39%
XYZ	4.1531, 3.2683, 12.4685
YIQ	50.0740, -20.0390, 16.2570

Conversions

Conversions Part 2

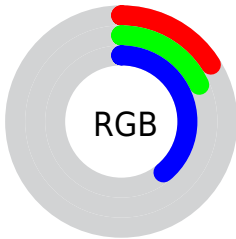
Format	Color
R_{YB}	41, 45, 100
Decimal	2698596
CIE _{Lab}	21.09, 16.25, -33.18
CIE _{LCh}	21, 36.942, 296.092
Yxy	3.2683, 0.2088, 0.1643
Android (android.graphics.Color)	4280888676 (0xFF292D64)
YUV	50.0740, 24.6135, -7.9579
Hunter-Lab	18.0784, 9.3689, -28.2370

Details

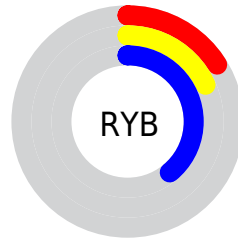
The Hex color **292D64** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **646029**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5C5B97**, and **000035** is the 20% darker color. If you saturate the color by 10%, you get **1F2464**, and if you desaturate by 10%, it is **333664**.

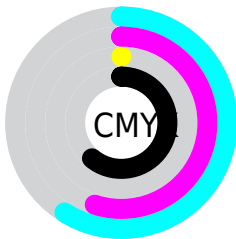
Distribution



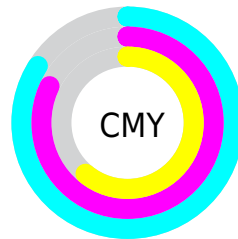
- Red (16%)
- Green (18%)
- Blue (39%)



- Red (16%)
- Yellow (18%)
- Blue (39%)



- Cyan (59%)
- Magenta (55%)
- Yellow (0%)
- Black (61%)



- Cyan (84%)
- Magenta (82%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 292D64 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 292D64 by changing the saturation by 10% instead.



292D64



292D64

FFFFFF



0C194C



5C5B97



000035



7673B2



00021F



918DCE



000001



ACA7EA



000000



C8C2FF



E4DEFF



FFFBFF



292D64



292D64

■ 1F2464

■ 333664

■ 151A64

■ 3D4064

■ 0B1164

■ 474964

■ 010864

■ 515264

■ 000764

■ 5B5C64

■ 656564

■ 6F6E64

■ 797864

■ 838164

Harmonies

Analogous

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



003769



292D64



4F1F51

Triad

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



292D64



562500



003E2E

Complementary

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



292D64



646029

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.



003C12



292D64



423000

Square

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



292D64



61181D



283800



003F4A

Rectangle

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



292D64



5D1641



283800



003E25

Sweetspot

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



292D64



6B6C82



29645F



343542



C2C2C2



424242

Same Dimension

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



292D64



262C82



422964



2E2E33



000873



0010F2

Inverse Universe

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



64292D



82262C



4B6429



332E2E



730008



F20010

Previews

White Background



This preview shows how the Hex color 292D64 looks on a white background.

Color Contrast Check

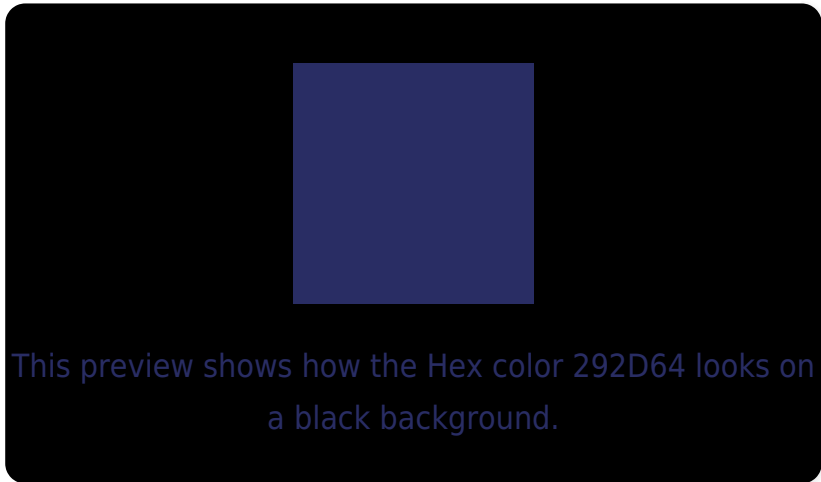
Large Text (above 18pt) WCAG AA ✓ Pass

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

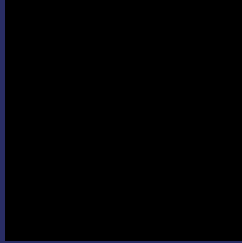
Any Text WCAG AA × Fail

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 292D64 Background



This preview shows how black text looks on a background with the Hex color 292D64.



This preview shows how white text looks on a background with the Hex color 292D64.

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
292D64

Protanopia
003168

Deuteranopia
00345B



Tritanopia
18373C

Trichromacy



Original Color
292D64

Protanomaly
0F3067

Deuteranomaly
0F315E

Tritanomaly
1E334B

Monochromacy



Original Color
292D64

Achromatopsia
323232

Achromatomaly
2F3044

CSS Examples

Text

The CSS property to change the color of the text to Hex 292D64 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 #292D64 looks like.

```
.text, #text, p{  
    color:#292D64  
}
```

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 #292D64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292D64  
}
```

Border

The CSS property to change the border of an element to Hex 292D64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

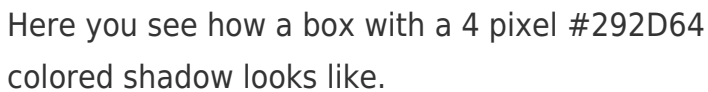
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#292D64 }
```

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

```
.border{ border-color:#292D64 }
```

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



Here you see how a box with a 4 pixel #292D64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292D64; -webkit-box-shadow:4px 4px  
4px 4px #292D64; box-shadow:4px 4px 4px  
4px #292D64 }
```

Background

The CSS property to change the background color of an element to Hex 292D64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292D64 }
```

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

```
.background{ background-color:#292D64 }
```

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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