

Converting Colors

Hex(252949)

Have a look what the booklet for
Hex(252949) contains.

Hex(252949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(252949)

Conversions

Conversions Part 1

Format	Color
Hex	252949
RGB	37, 41, 73
RGB Percent	15%, 16%, 29%
CMY	0.8549, 0.8392, 0.7137
CMYK	0.49, 0.44, 0.00, 0.71
HSL	233°, 33%, 22%
HSV	233°, 49%, 29%
XYZ	2.7585, 2.4602, 6.6328
YIQ	43.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

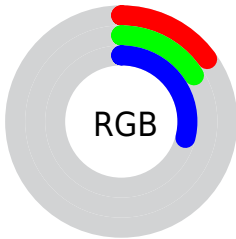
Format	Color
R_{YB}	37, 41, 73
Decimal	2435401
CIE _{Lab}	17.74, 8.23, -20.53
CIE _{LCh}	18, 22.115, 291.858
Yxy	2.4602, 0.2328, 0.2076
Android (android.graphics.Color)	4280625481 (0xFF252949)
YUV	43.4520, 14.5672, -5.6584
Hunter-Lab	15.6851, 3.9432, -14.0926

Details

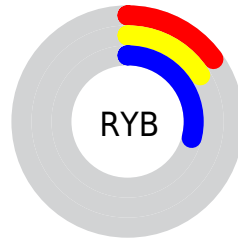
The Hex color **252949** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **494525**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **54567A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **1E2349**, and if you desaturate by 10%, it is **2C2F49**.

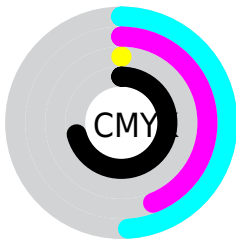
Distribution



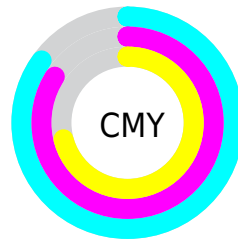
- Red (15%)
- Green (16%)
- Blue (29%)



- Red (15%)
- Yellow (16%)
- Blue (29%)



- Cyan (49%)
- Magenta (44%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252949 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 252949 by changing the saturation by 10% instead.

■ 252949

■ 252949

FFFFFF

■ 0E1532

■ 54567A

■ 00021D

■ 6D6E94

■ 000000

■ 8788AE

■ A1A2CA

■ BCBDE6

■ D8D9FF

■ F5F5FF

■ 252949

■ 252949

■ 1E2349

■ 2C2F49

■ 161C49

■ 343649

■ 0F1649

■ 3B3C49

■ 080F49

■ 424349

■ 010949

■ 4A4949

■ 000849

■ 515049

■ 585649

■ 5F5D49

■ 676349

Harmonies

Analogous

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



002E4B



252949



3B233F

Triad

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



252949



432313



003326

Complementary

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



252949



494525

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.



163117



252949



382909

Square

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



252949



491E21



292E0B



003337

Rectangle

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



252949



441F36



292E0B



023321

Sweetspot

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



252949



50525E



254945



282930



B0B0B0



303030

Same Dimension

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



252949



272D5E



332549



202124



000B63



0019E3

Inverse Universe

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



492529



5E272D



3B4925



242021



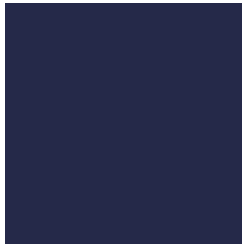
63000B



E30019

Previews

White Background



This preview shows how the Hex color 252949 looks on a white background.

Color Contrast Check

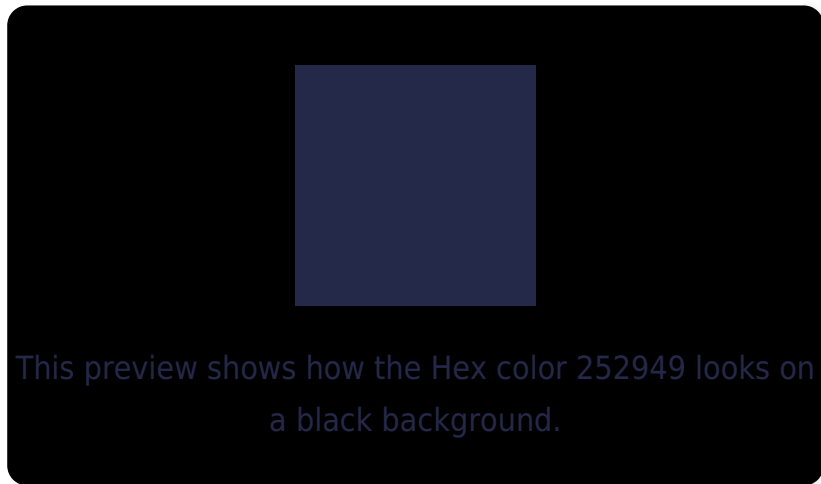
Large Text (above 18pt) WCAG AA ✓ Pass

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

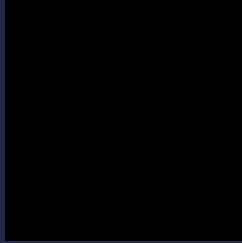
Any Text WCAG AA × Fail

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 252949 Background



This preview shows how black text looks on a background with the Hex color 252949.



This preview shows how white text looks on a background with the Hex color 252949.

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
252949

Protanopia
1E2A4A

Deuteranopia
182C48



Tritanopia
1E2E32

Trichromacy



Original Color
252949

Protanomaly
212A4A

Deuteranomaly
1D2B48

Tritanomaly
212C3A

Monochromacy



Original Color
252949

Achromatopsia
2B2B2B

Achromatomaly
292A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 252949 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 #252949 looks like.

```
.text, #text, p{  
    color:#252949  
}
```

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 #252949 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252949
}
```

Border

The CSS property to change the border of an element to Hex 252949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

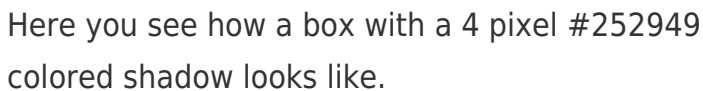
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#252949 }
```

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

```
.border{ border-color:#252949 }
```

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



Here you see how a box with a 4 pixel #252949 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252949; -webkit-box-shadow:4px 4px  
4px 4px #252949; box-shadow:4px 4px 4px  
4px #252949 }
```

Background

The CSS property to change the background color of an element to Hex 252949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252949 }
```

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

```
.background{ background-color:#252949 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor