

Converting Colors

Hex(252956)

Have a look what the booklet for
Hex(252956) contains.

Hex(252956)	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(252956)

Conversions

Conversions Part 1

Format	Color
Hex	252956
RGB	37, 41, 86
RGB Percent	15%, 16%, 34%
CMY	0.8549, 0.8392, 0.6627
CMYK	0.57, 0.52, 0.00, 0.66
HSL	235°, 40%, 24%
HSV	235°, 57%, 34%
XYZ	3.2356, 2.6511, 9.1453
YIQ	44.9340, -16.8290, 13.1470

Conversions

Conversions Part 2

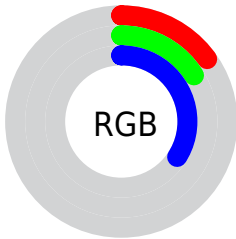
Format	Color
R_{YB}	37, 41, 86
Decimal	2435414
CIE _{Lab}	18.59, 12.96, -27.95
CIE _{LCh}	19, 30.810, 294.873
Yxy	2.6511, 0.2152, 0.1764
Android (android.graphics.Color)	4280625494 (0xFF252956)
YUV	44.9340, 20.2455, -6.9581
Hunter-Lab	16.2821, 6.9780, -21.9043

Details

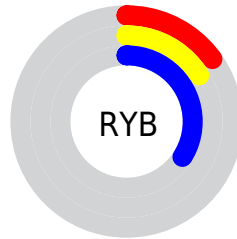
The Hex color **252956** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **565225**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **565688**, and **000028** is the 20% darker color. If you saturate the color by 10%, you get **1C2156**, and if you desaturate by 10%, it is **2E3156**.

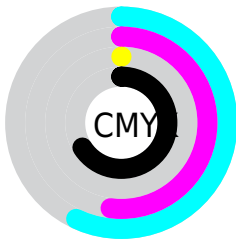
Distribution



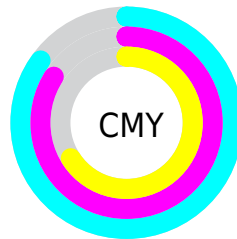
- Red (15%)
- Green (16%)
- Blue (34%)



- Red (15%)
- Yellow (16%)
- Blue (34%)



- Cyan (57%)
- Magenta (52%)
- Yellow (0%)
- Black (66%)



- Cyan (85%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252956 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 252956 by changing the saturation by 10% instead.

■ 252956

■ 252956

FFFFFF

■ 0B153E

■ 565688

■ 000028

■ 706EA3

■ 000112

■ 8A88BE

■ 000000

■ A5A2DA

■ C0BDF6

■ DCD9FF

■ F9F5FF

■ 252956

■ 252956

■ 1C2156

■ 2E3156

■ 141956

■ 363956

■ 0B1156

■ 3F4156

■ 030956

■ 474956

■ 000756

■ 505056

■ 595856

■ 616056

■ 6A6856

■ 727056

Harmonies

Analogous

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



00315A



252956



441F47

Triad

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



252956



4B2205



003729

Complementary

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



252956



565225

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.



043512



252956



3C2B00

Square

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



252956



54181C



273100



00373F

Rectangle

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



252956



4F1839



273100



003721

Sweetspot

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



252956



5D5F70



255652



2D2E38



B8B8B8



383838

Same Dimension

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



252956



242A70



392556



27272B



00096B



0013EB

Inverse Universe

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



562529



70242A



425625



2B2727



6B0009



EB0013

Previews

White Background



This preview shows how the Hex color 252956 looks on a white background.

Color Contrast Check

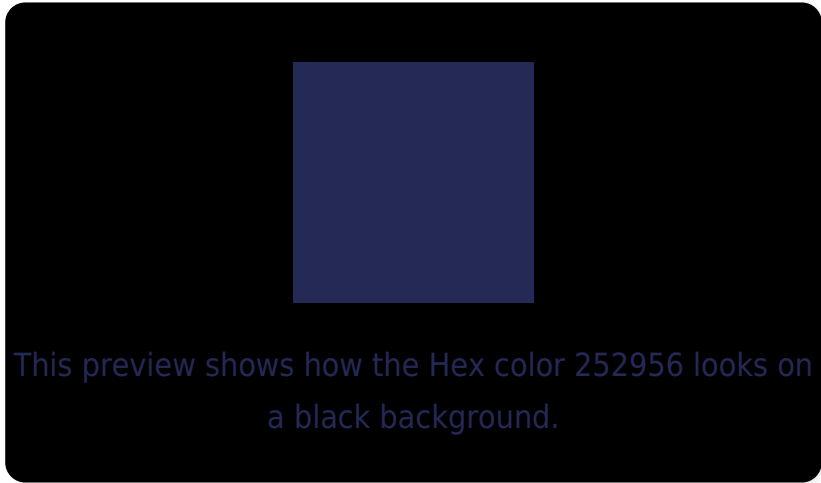
Large Text (above 18pt) WCAG AA ✓ Pass

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

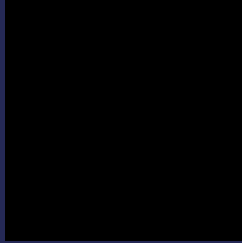
Any Text WCAG AA × Fail

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 252956 Background



This preview shows how black text looks on a background with the Hex color 252956.



This preview shows how white text looks on a background with the Hex color 252956.

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](#).

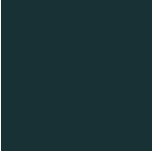
Dichromacy



Original Color
252956

Protanopia
112C59

Deuteranopia
002E51



Tritanopia
183135

Trichromacy



Original Color
252956

Protanomaly
182B58

Deuteranomaly
0D2C53

Tritanomaly
1D2E41

Monochromacy



Original Color
252956

Achromatopsia
2D2D2D

Achromatomaly
2A2C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 252956 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 #252956 looks like.

```
.text, #text, p{  
    color:#252956  
}
```

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 #252956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252956
}
```

Border

The CSS property to change the border of an element to Hex 252956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

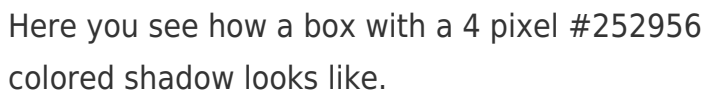
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#252956 }
```

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

```
.border{ border-color:#252956 }
```

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



Here you see how a box with a 4 pixel #252956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252956; -webkit-box-shadow:4px 4px  
4px 4px #252956; box-shadow:4px 4px 4px  
4px #252956 }
```

Background

The CSS property to change the background color of an element to Hex 252956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252956 }
```

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

```
.background{ background-color:#252956 }
```

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