

Converting Colors

Hex(252448)

Have a look what the booklet for
Hex(252448) contains.

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Color

Hex(252448)

Conversions

Conversions Part 1

Format	Color
Hex	252448
RGB	37, 36, 72
RGB Percent	15%, 14%, 28%
CMY	0.8549, 0.8588, 0.7176
CMYK	0.49, 0.50, 0.00, 0.72
HSL	242°, 33%, 21%
HSV	242°, 50%, 28%
XYZ	2.5635, 2.1229, 6.4055
YIQ	40.4030, -10.9600, 11.4080

Conversions

Conversions Part 2

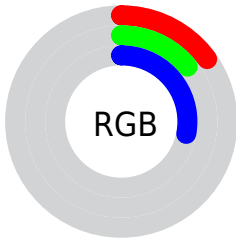
Format	Color
R_{YB}	37, 36, 72
Decimal	2434120
CIE _{Lab}	16.12, 11.50, -22.41
CIE _{LCh}	16, 25.185, 297.169
Yxy	2.1229, 0.2311, 0.1914
Android (android.graphics.Color)	4280624200 (0xFF252448)
YUV	40.4030, 15.5773, -2.9844
Hunter-Lab	14.5703, 5.9074, -15.8664

Details

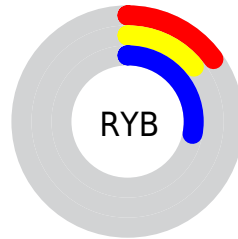
The Hex color **252448** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **474824**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **545079**, and **00021C** is the 20% darker color. If you saturate the color by 10%, you get **1E1D48**, and if you desaturate by 10%, it is **2C2B48**.

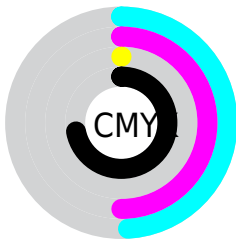
Distribution



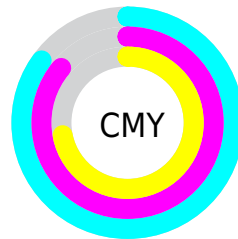
- Red (15%)
- Green (14%)
- Blue (28%)



- Red (15%)
- Yellow (14%)
- Blue (28%)



- Cyan (49%)
- Magenta (50%)
- Yellow (0%)
- Black (72%)



- Cyan (85%)
- Magenta (86%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252448 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 252448 by changing the saturation by 10% instead.

■ 252448

■ 252448

FFFFFF

■ 0E0F31

■ 545079

■ 00021C

■ 6D6993

■ 000000

■ 8782AD

■ A19CC9

■ BDB6E5

■ D9D2FF

■ F5EEFF

■ 252448

■ 252448

■ 1E1D48

■ 2C2B48

■ 171648

■ 333248

■ 100E48

■ 3A3A48

■ 090748

■ 414148

■ 020048

■ 484848

■ 4F4F48

■ 565648

■ 5D5E48

■ 646548

Harmonies

Analogous

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



002B4C



252448



3C1C3C

Triad

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



252448



402007



003026

Complementary

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



252448



474824

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.



072F14



252448



332600

Square

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



252448



481919



222C02



003038

Rectangle

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



252448



451830



222C02



00301F

Sweetspot

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



252448



51505E



244748



282830



B0B0B0



303030

Same Dimension

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



252448



27265E



372448



202024



030063



0600E3

Inverse Universe

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



482447



5E265D



354824



242024



630061



E300DD

Previews

White Background



This preview shows how the Hex color 252448 looks on a white background.

Color Contrast Check

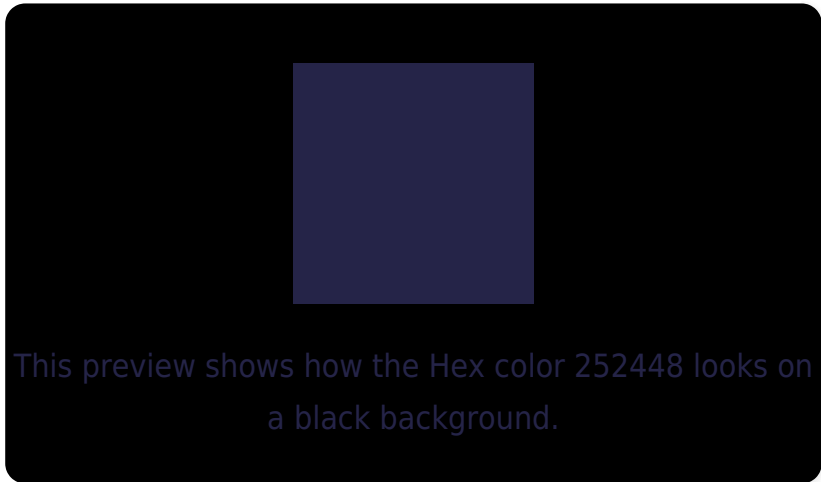
Large Text (above 18pt) WCAG AA ✓ Pass

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

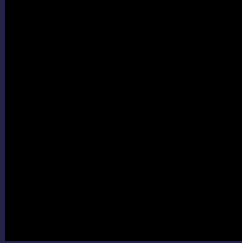
Any Text WCAG AA × Fail

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 252448 Background



This preview shows how black text looks on a background with the Hex color 252448.



This preview shows how white text looks on a background with the Hex color 252448.

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
252448

Protanopia
15274B

Deuteranopia
0D2947



Tritanopia
1D2A2E

Trichromacy



Original Color
252448

Protanomaly
1B264A

Deuteranomaly
162747

Tritanomaly
202837

Monochromacy



Original Color
252448

Achromatopsia
282828

Achromatomaly
272734

CSS Examples

Text

The CSS property to change the color of the text to Hex 252448 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 #252448 looks like.

```
.text, #text, p{  
    color:#252448  
}
```

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 #252448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252448
}
```

Border

The CSS property to change the border of an element to Hex 252448 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
#252448 }
```

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

```
.border{ border-color:#252448 }
```

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

Here you see how a box with a 4 pixel #252448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252448; -webkit-box-shadow:4px 4px  
4px 4px #252448; box-shadow:4px 4px 4px  
4px #252448 }
```

Background

The CSS property to change the background color of an element to Hex 252448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252448 }
```

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

```
.background{ background-color:#252448 }
```

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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