

Converting Colors

Hex(252C58)

Have a look what the booklet for
Hex(252C58) contains.

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Color

Hex(252C58)

Conversions

Conversions Part 1

Format	Color
Hex	252C58
RGB	37, 44, 88
RGB Percent	15%, 17%, 35%
CMY	0.8549, 0.8275, 0.6549
CMYK	0.58, 0.50, 0.00, 0.65
HSL	232°, 41%, 25%
HSV	232°, 58%, 35%
XYZ	3.4251, 2.8993, 9.6116
YIQ	46.9230, -18.2960, 12.2000

Conversions

Conversions Part 2

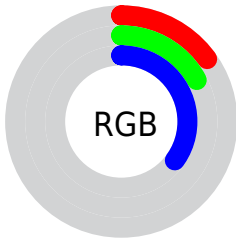
Format	Color
R_{YB}	37, 43, 88
Decimal	2436184
CIE _{Lab}	19.64, 11.55, -27.61
CIE _{LCh}	20, 29.928, 292.697
Yxy	2.8993, 0.2149, 0.1819
Android (android.graphics.Color)	4280626264 (0xFF252C58)
YUV	46.9230, 20.2510, -8.7025
Hunter-Lab	17.0272, 6.1083, -21.5493

Details

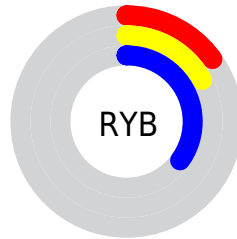
The Hex color **252C58** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **585125**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **56598A**, and **00002A** is the 20% darker color. If you saturate the color by 10%, you get **1C2458**, and if you desaturate by 10%, it is **2E3458**.

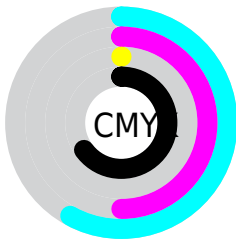
Distribution



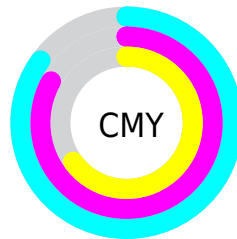
- Red (15%)
- Green (17%)
- Blue (35%)



- Red (15%)
- Yellow (17%)
- Blue (35%)



- Cyan (58%)
- Magenta (50%)
- Yellow (0%)
- Black (65%)



- Cyan (85%)
- Magenta (83%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252C58 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 252C58 by changing the saturation by 10% instead.



252C58



252C58

FFFFFF



0A1840



56598A



00002A



7072A5



000114



8A8BC0



000000



A5A5DC



C0C1F9



DDDCF9



FAF9FF



252C58



252C58

■ 1C2458

■ 2E3458

■ 131D58

■ 373B58

■ 0B1558

■ 3F4358

■ 020E58

■ 484A58

■ 000C58

■ 515258

■ 5A5A58

■ 636158

■ 6B6958

■ 747058

Harmonies

Analogous

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



00345B



252C58



45224A

Triad

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



252C58



4E240C



003929

Complementary

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



252C58



585125

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.



0C3713



252C58



3F2D00

Square

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



252C58



561B20



2B3300



003A40

Rectangle

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



252C58



501C3D



2B3300



003922

Sweetspot

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



252C58



5F6273



255850



2F313B



BABABA



3B3B3B

Same Dimension

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



252C58



222D73



372558



27282B



000F6B



0020EB

Inverse Universe

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



58252C



73222D



465825



2B2728



6B000F



EB0020

Previews

White Background



This preview shows how the Hex color 252C58 looks on a white background.

Color Contrast Check

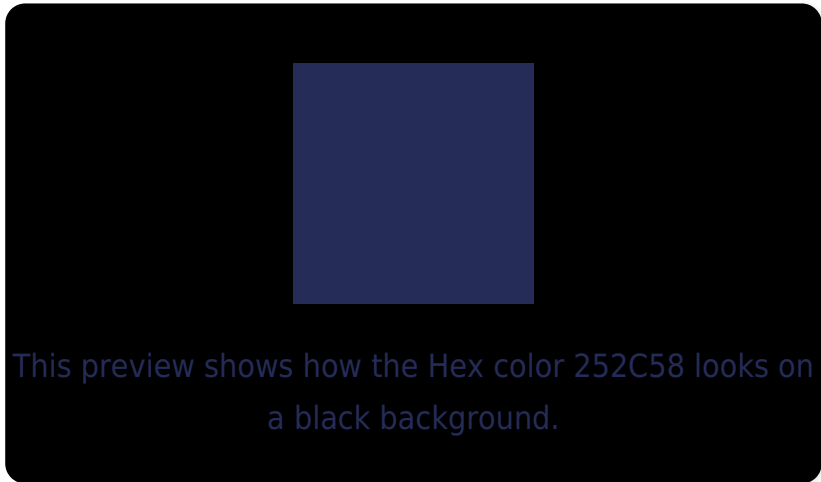
Large Text (above 18pt) WCAG AA ✓ Pass

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

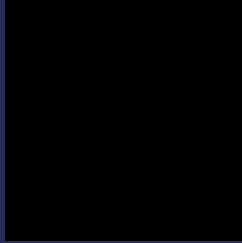
Any Text WCAG AA × Fail

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 252C58 Background



This preview shows how black text looks on a background with the Hex color 252C58.



This preview shows how white text looks on a background with the Hex color 252C58.

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](#).

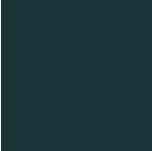
Dichromacy



Original Color
252C58

Protanopia
172E5A

Deuteranopia
003156



Tritanopia
183438

Trichromacy



Original Color
252C58

Protanomaly
1C2D59

Deuteranomaly
0D2F57

Tritanomaly
1D3144

Monochromacy



Original Color
252C58

Achromatopsia
2F2F2F

Achromatomaly
2B2E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 252C58 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 #252C58 looks like.

```
.text, #text, p{  
    color:#252C58  
}
```

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 #252C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252C58  
}
```

Border

The CSS property to change the border of an element to Hex 252C58 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  
#252C58 }
```

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

```
.border{ border-color:#252C58 }
```

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

Here you see how a box with a 4 pixel #252C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252C58; -webkit-box-shadow:4px 4px  
4px 4px #252C58; box-shadow:4px 4px 4px  
4px #252C58 }
```

Background

The CSS property to change the background color of an element to Hex 252C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252C58 }
```

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

```
.background{ background-color:#252C58 }
```

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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