

Converting Colors

Hex(252A6A)

Have a look what the booklet for
Hex(252A6A) contains.

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Color

Hex(252A6A)

Conversions

Conversions Part 1

Format	Color
Hex	252A6A
RGB	37, 42, 106
RGB Percent	15%, 16%, 42%
CMY	0.8549, 0.8353, 0.5843
CMYK	0.65, 0.60, 0.00, 0.58
HSL	236°, 48%, 28%
HSV	236°, 65%, 42%
XYZ	4.1924, 3.0899, 14.0111
YIQ	47.8010, -23.5240, 18.8440

Conversions

Conversions Part 2

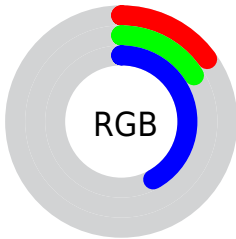
Format	Color
R_{YB}	37, 42, 106
Decimal	2435690
CIE Lab	20.40, 19.77, -38.21
CIE LCh	20, 43.022, 297.350
Yxy	3.0899, 0.1969, 0.1451
Android (android.graphics.Color)	4280625770 (0xFF252A6A)
YUV	47.8010, 28.6921, -9.4725
Hunter-Lab	17.5780, 11.8117, -34.9545

Details

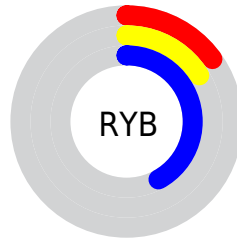
The Hex color **252A6A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A6525**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5A579E**, and **00003A** is the 20% darker color. If you saturate the color by 10%, you get **1A206A**, and if you desaturate by 10%, it is **30346A**.

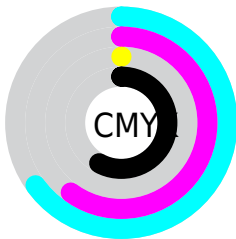
Distribution



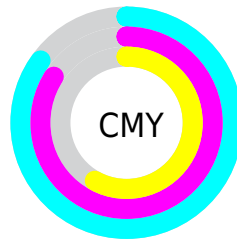
- Red (15%)
- Green (16%)
- Blue (42%)



- Red (15%)
- Yellow (16%)
- Blue (42%)



- Cyan (65%)
- Magenta (60%)
- Yellow (0%)
- Black (58%)



- Cyan (85%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252A6A 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 252A6A by changing the saturation by 10% instead.

■ 252A6A

■ 252A6A

FFFFFF

■ 021651

■ 5A579E

■ 00003A

■ 7470B9

■ 000223

■ 8F89D5

■ 00000B

■ ABA3F2

■ 000000

■ C7BEFF

■ E4DAFF

■ FFF7FF

■ 252A6A

■ 252A6A

■ 1A206A

■ 30346A

■ 10166A

■ 3A3E6A

■ 050D6A

■ 45476A

■ 00086A

■ 4F516A

■ 5A5B6A

■ 65656A

■ 6F6F6A

■ 7A796A

■ 84826A

Harmonies

Analogous

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



003671



252A6A



531754

Triad

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



252A6A



582100



003E2D

Complementary

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



252A6A



6A6525

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.



003C0B



252A6A



402F00

Square

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



252A6A



650C16



223800



003E4E

Rectangle

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



252A6A



610740



223800



003E22

Sweetspot

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



252A6A



6E708A



256A64



343645



C4C4C4



454545

Same Dimension

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



252A6A



1E268A



42256A



303136



000875



0012F5

Inverse Universe

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



6A252A



8A1E26



4D6A25



363031



750008



F50012

Previews

White Background



This preview shows how the Hex color 252A6A looks on a white background.

Color Contrast Check

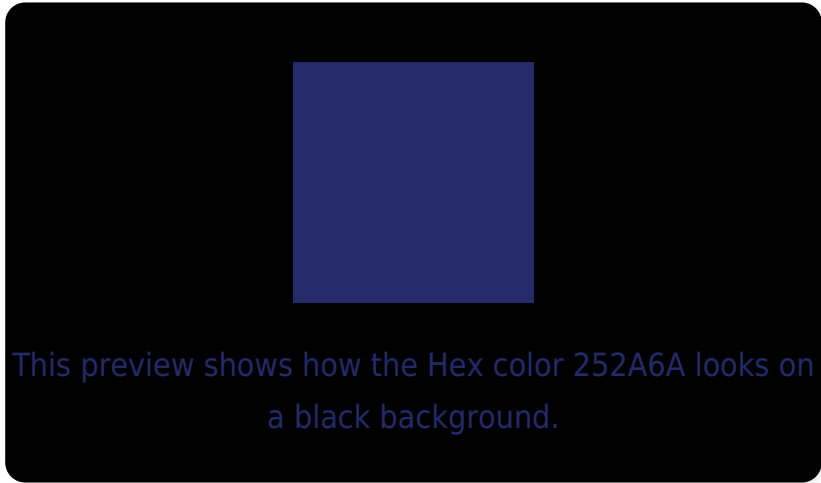
Large Text (above 18pt) WCAG AA ✓ Pass

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

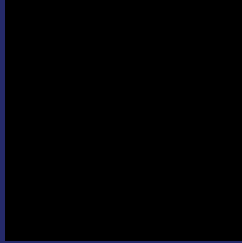
Any Text WCAG AA × Fail

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 252A6A Background



This preview shows how black text looks on a background with the Hex color 252A6A.



This preview shows how white text looks on a background with the Hex color 252A6A.

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
252A6A

Protanopia
003065

Deuteranopia
003357



Tritanopia
00373B

Trichromacy



Original Color
252A6A

Protanomaly
0D2E67

Deuteranomaly
0D305E

Tritanomaly
0D324C

Monochromacy



Original Color
252A6A

Achromatopsia
303030

Achromatomaly
2C2E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 252A6A 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 #252A6A looks like.

```
.text, #text, p{  
    color:#252A6A  
}
```

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 #252A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252A6A
}
```

Border

The CSS property to change the border of an element to Hex 252A6A 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
#252A6A }
```

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

```
.border{ border-color:#252A6A }
```

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

Here you see how a box with a 4 pixel #252A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252A6A; -webkit-box-shadow:4px 4px  
4px 4px #252A6A; box-shadow:4px 4px 4px  
4px #252A6A }
```

Background

The CSS property to change the background color of an element to Hex 252A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252A6A }
```

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

```
.background{ background-color:#252A6A }
```

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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