

Converting Colors

Hex(252470)

Have a look what the booklet for
Hex(252470) contains.

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Color

Hex(252470)

Conversions

Conversions Part 1

Format	Color
Hex	252470
RGB	37, 36, 112
RGB Percent	15%, 14%, 44%
CMY	0.8549, 0.8588, 0.5608
CMYK	0.67, 0.68, 0.00, 0.56
HSL	241°, 51%, 29%
HSV	241°, 68%, 44%
XYZ	4.3185, 2.8249, 15.6469
YIQ	44.9630, -23.8000, 23.8480

Conversions

Conversions Part 2

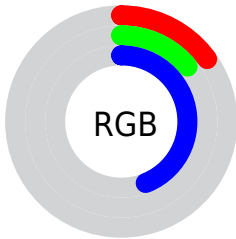
Format	Color
R _Y B	37, 36, 112
Decimal	2434160
CIE Lab	19.33, 26.14, -43.85
CIE LCh	19, 51.046, 300.800
Yxy	2.8249, 0.1895, 0.1240
Android (android.graphics.Color)	4280624240 (0xFF252470)
YUV	44.9630, 33.0492, -6.9836
Hunter-Lab	16.8075, 16.4500, -43.4306

Details

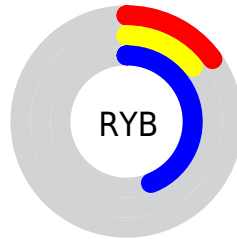
The Hex color **252470** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6F7024**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5C51A5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **1A1970**, and if you desaturate by 10%, it is **302F70**.

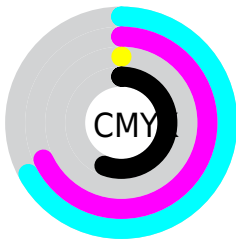
Distribution



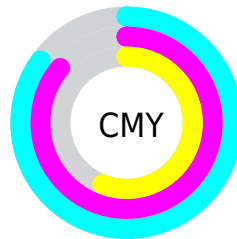
- Red (15%)
- Green (14%)
- Blue (44%)



- Red (15%)
- Yellow (14%)
- Blue (44%)



- Cyan (67%)
- Magenta (68%)
- Yellow (0%)
- Black (56%)



- Cyan (85%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252470 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 252470 by changing the saturation by 10% instead.

■ 252470

■ 252470

FFFFFF

■ 001057

■ 5C51A5

■ 00003F

■ 7769C0

■ 000328

■ 9283DC

■ 000112

■ AE9DF9

■ 000000

■ CAB8FF

■ E7D3FF

■ FFF0FF

■ 252470

■ 252470

■ 1A1970

■ 302F70

■ 0F0E70

■ 3B3A70

■ 040270

■ 464670

■ 010070

■ 515170

■ 5C5C70

■ 676770

■ 727270

■ 7D7E70

■ 888970

Harmonies

Analogous

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



00347B



252470



5A0154

Triad

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



252470



561D00



003D2F

Complementary

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



252470



6F7024

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.



003B03



252470



3A2E00

Square

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



252470



690009



123700



003D54

Rectangle

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



252470



68003C



123700



003D22

Sweetspot

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



252470



757491



247070



38384A



C9C9C9



4A4A4A

Same Dimension

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



252470



1D1C91



4A2470



333238



020078



0300F7

Inverse Universe

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



70246F



911C90



4A7024



383238



780076



F700F4

Previews

White Background



This preview shows how the Hex color 252470 looks on a white background.

Color Contrast Check

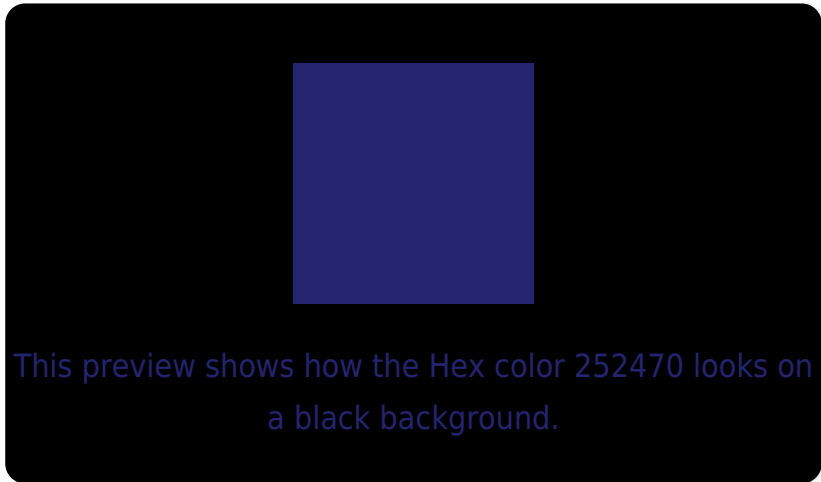
Large Text (above 18pt) WCAG AA ✓ Pass

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

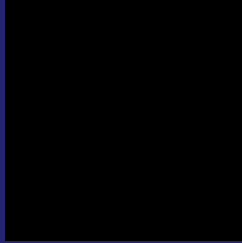
Any Text WCAG AA × Fail

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 252470 Background



This preview shows how black text looks on a background with the Hex color 252470.



This preview shows how white text looks on a background with the Hex color 252470.

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
252470

Protanopia
002E60

Deuteranopia
003152



Tritanopia
003438

Trichromacy



Original Color
252470

Protanomaly
0D2A66

Deuteranomaly
0D2C5D

Tritanomaly
0D2E4C

Monochromacy



Original Color
252470

Achromatopsia
2D2D2D

Achromatomaly
2A2A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 252470 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 #252470 looks like.

```
.text, #text, p{  
    color:#252470  
}
```

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 #252470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252470  
}
```

Border

The CSS property to change the border of an element to Hex 252470 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  
#252470 }
```

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

```
.border{ border-color:#252470 }
```

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

Here you see how a box with a 4 pixel #252470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252470; -webkit-box-shadow:4px 4px  
4px 4px #252470; box-shadow:4px 4px 4px  
4px #252470 }
```

Background

The CSS property to change the background color of an element to Hex 252470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252470 }
```

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

```
.background{ background-color:#252470 }
```

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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