

Converting Colors

Hex(254471)

Have a look what the booklet for
Hex(254471) contains.

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Color

Hex(254471)

Conversions

Conversions Part 1

Format	Color
Hex	254471
RGB	37, 68, 113
RGB Percent	15%, 27%, 44%
CMY	0.8549, 0.7333, 0.5569
CMYK	0.67, 0.40, 0.00, 0.56
HSL	216°, 51%, 29%
HSV	216°, 67%, 44%
XYZ	5.8107, 5.7198, 16.4206
YIQ	63.8610, -32.9210, 7.4230

Conversions

Conversions Part 2

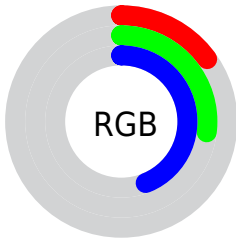
Format	Color
R_{YB}	37, 59, 113
Decimal	2442353
CIE _{Lab}	28.69, 4.32, -29.40
CIE _{LCh}	29, 29.714, 278.364
Yxy	5.7198, 0.2079, 0.2046
Android (android.graphics.Color)	4280632433 (0xFF254471)
YUV	63.8610, 24.2255, -23.5571
Hunter-Lab	23.9161, 1.5155, -23.9666




Details

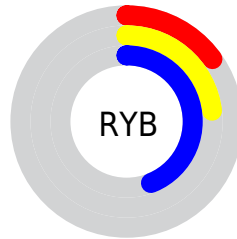
The Hex color **254471** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **715225**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **5A74A5**, and **001A41** is the 20% darker color. If you saturate the color by 10%, you get **1A3D71**, and if you desaturate by 10%, it is **304B71**.

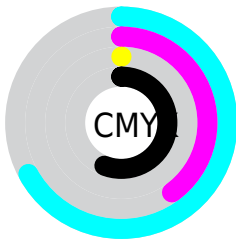
Distribution







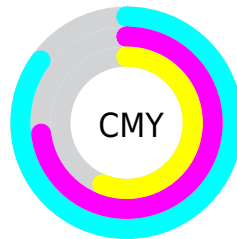
-  Red (15%)
-  Green (27%)
-  Blue (44%)






-  Red (15%)
-  Yellow (23%)
-  Blue (44%)



-  Cyan (67%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (73%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254471 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 254471 by changing the saturation by 10% instead.

■ 254471

■ 254471

FFFFFF

■ 012E58

■ 5A74A5

■ 001A41

■ 758DC0

■ 00032A

■ 90A8DC

■ 000115

■ ABC3F9

■ 000000

■ C7DFFF

■ E4FBFF

■ 254471

■ 254471

■ 1A3D71

■ 304B71

■ 0E3771

■ 3C5171

■ 033071

■ 475871

■ 002E71

■ 525F71

■ 5E6571

■ 696C71

■ 747371

■ 7F7A71

■ 8B8071

Harmonies

Analogous

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



004B6E



254471



4E3B68

Triad

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



254471



6B3428



0B4E32

Complementary

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



254471



715225

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.



324A1E



254471



5E3C18

Square

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



254471



6E2F3E



4A4513



004F4A

Rectangle

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



254471



5F355C



4A4513



1C4D2B

Sweetspot

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



254471



768294



257151



383F4A



C9C9C9



4A4A4A

Same Dimension

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



254471



1C4D94



2B2571



323538



003178



0065F7

Inverse Universe

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



712544



941C4D



6B7125



383235



780031



F70065

Previews

White Background



This preview shows how the Hex color 254471 looks on a white background.

Color Contrast Check

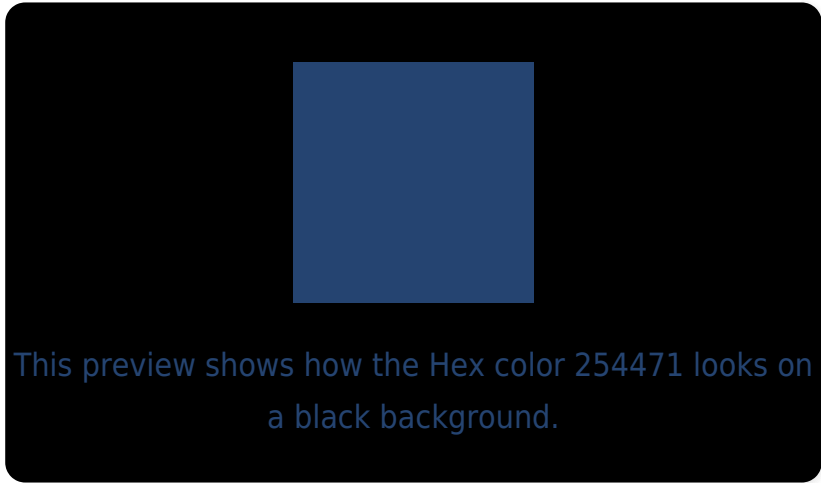
Large Text (above 18pt) WCAG AA ✓ Pass

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 254471 Background



This preview shows how black text looks on a background with the Hex color 254471.



This preview shows how white text looks on a background with the Hex color 254471.

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
254471

Protanopia
31426F

Deuteranopia
254471



Tritanopia
0E4B51

Trichromacy



Original Color
254471

Protanomaly
2D4370

Deuteranomaly
254471

Tritanomaly
16485D

Monochromacy



Original Color
254471

Achromatopsia
404040

Achromatomaly
364152

CSS Examples

Text

The CSS property to change the color of the text to Hex 254471 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 #254471 looks like.

```
.text, #text, p{  
    color:#254471  
}
```

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 #254471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254471  
}
```

Border

The CSS property to change the border of an element to Hex 254471 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  
#254471 }
```

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

```
.border{ border-color:#254471 }
```

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

Here you see how a box with a 4 pixel #254471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254471; -webkit-box-shadow:4px 4px  
4px 4px #254471; box-shadow:4px 4px 4px  
4px #254471 }
```

Background

The CSS property to change the background color of an element to Hex 254471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254471 }
```

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

```
.background{ background-color:#254471 }
```

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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