

Converting Colors

Hex(2B4471)

Have a look what the booklet for
Hex(2B4471) contains.

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Color

Hex(2B4471)

Conversions

Conversions Part 1

Format	Color
Hex	2B4471
RGB	43, 68, 113
RGB Percent	17%, 27%, 44%
CMY	0.8314, 0.7333, 0.5569
CMYK	0.62, 0.40, 0.00, 0.56
HSL	219°, 45%, 31%
HSV	219°, 62%, 44%
XYZ	6.0440, 5.8401, 16.4315
YIQ	65.6550, -29.3450, 8.6950

Conversions

Conversions Part 2

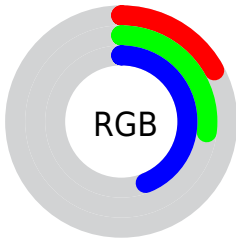
Format	Color
R_{YB}	43, 61, 113
Decimal	2835569
CIE _{Lab}	29.01, 5.58, -28.88
CIE _{LCh}	29, 29.419, 280.940
Yxy	5.8401, 0.2135, 0.2062
Android (android.graphics.Color)	4281025649 (0xFF2B4471)
YUV	65.6550, 23.3411, -19.8684
Hunter-Lab	24.1663, 2.3521, -23.3969

Details

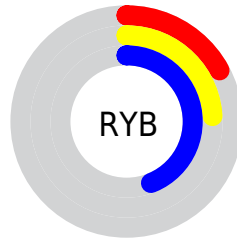
The Hex color **2B4471** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **71582B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5F74A5**, and **001A41** is the 20% darker color. If you saturate the color by 10%, you get **203D71**, and if you desaturate by 10%, it is **364B71**.

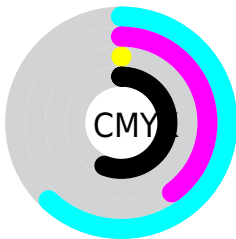
Distribution



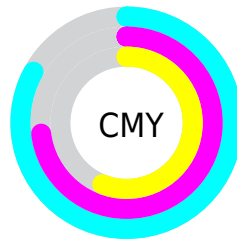
- Red (17%)
- Green (27%)
- Blue (44%)



- Red (17%)
- Yellow (24%)
- Blue (44%)



- Cyan (62%)
- Magenta (40%)
- Yellow (0%)
- Black (56%)



- Cyan (83%)
- Magenta (73%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4471 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 2B4471 by changing the saturation by 10% instead.

■ 2B4471

■ 2B4471

FFFFFF

■ 0D2E58

■ 5F74A5

■ 001A41

■ 798DC0

■ 00022A

■ 94A8DC

■ 000115

■ B0C3F9

■ 000000

■ CCDFFF

■ E8FBFF

■ 2B4471

■ 2B4471

■ 203D71

■ 364B71

■ 143571

■ 425371

■ 092E71

■ 4D5A71

■ 002871

■ 586171

■ 646871

■ 6F7071

■ 7A7771

■ 857E71

■ 918571

Harmonies

Analogous

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



004B6F



2B4471



513B67

Triad

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



2B4471



6B3528



074F35

Complementary

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



2B4471



71582B

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.



304B20



2B4471



5D3E18

Square

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



2B4471



6F303D



494615



00504C

Rectangle

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



2B4471



61355B



494615



1A4E2D

Sweetspot

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



2B4471



788294



2B7157



393F4A



C9C9C9



4A4A4A

Same Dimension

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



2B4471



264E94



342B71



323438



002B78



0058F7

Inverse Universe

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



712B44



94264E



68712B



383234



78002B



F70058

Previews

White Background



This preview shows how the Hex color 2B4471 looks on a white background.

Color Contrast Check

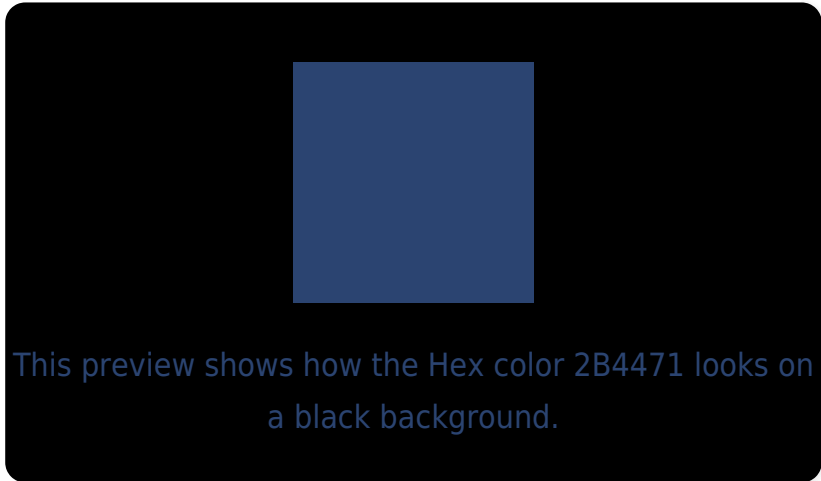
Large Text (above 18pt) WCAG AA ✓ Pass

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

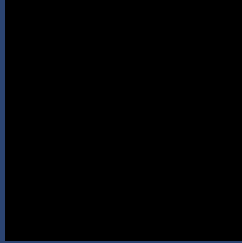
Any Text WCAG AA × Fail

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 2B4471 Background



This preview shows how black text looks on a background with the Hex color 2B4471.



This preview shows how white text looks on a background with the Hex color 2B4471.

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
2B4471

Protanopia
324370

Deuteranopia
274571



Tritanopia
1B4B51

Trichromacy



Original Color
2B4471

Protanomaly
2F4370

Deuteranomaly
284571

Tritanomaly
21485D

Monochromacy



Original Color
2B4471

Achromatopsia
424242

Achromatomaly
3A4353

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4471 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 #2B4471 looks like.

```
.text, #text, p{  
    color:#2B4471  
}
```

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 #2B4471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4471
}
```

Border

The CSS property to change the border of an element to Hex 2B4471 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
#2B4471 }
```

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

```
.border{ border-color:#2B4471 }
```

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

Here you see how a box with a 4 pixel #2B4471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4471; -webkit-box-shadow:4px 4px  
4px 4px #2B4471; box-shadow:4px 4px 4px  
4px #2B4471 }
```

Background

The CSS property to change the background color of an element to Hex 2B4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4471 }
```

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

```
.background{ background-color:#2B4471 }
```

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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