

Converting Colors

Hex(2B4072)

Have a look what the booklet for
Hex(2B4072) contains.

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Color

Hex(2B4072)

Conversions

Conversions Part 1

Format	Color
Hex	2B4072
RGB	43, 64, 114
RGB Percent	17%, 25%, 45%
CMY	0.8314, 0.7490, 0.5529
CMYK	0.62, 0.44, 0.00, 0.55
HSL	222°, 45%, 31%
HSV	222°, 62%, 45%
XYZ	5.8669, 5.3953, 16.6518
YIQ	63.4210, -28.5660, 11.0980

Conversions

Conversions Part 2

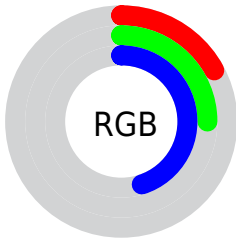
Format	Color
R_{YB}	43, 59, 114
Decimal	2834546
CIE _{Lab}	27.83, 8.67, -31.38
CIE _{LCh}	28, 32.556, 285.445
Yxy	5.3953, 0.2102, 0.1933
Android (android.graphics.Color)	4281024626 (0xFF2B4072)
YUV	63.4210, 24.9354, -17.9092
Hunter-Lab	23.2278, 4.4373, -26.2450

Details

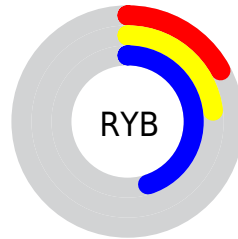
The Hex color **2B4072** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **725D2B**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5F6FA6**, and **001641** is the 20% darker color. If you saturate the color by 10%, you get **203872**, and if you desaturate by 10%, it is **364872**.

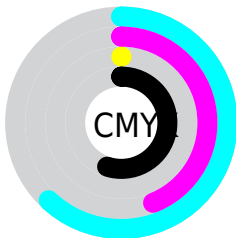
Distribution



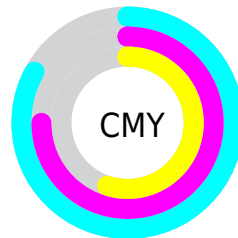
- Red (17%)
- Green (25%)
- Blue (45%)



- Red (17%)
- Yellow (23%)
- Blue (45%)



- Cyan (62%)
- Magenta (44%)
- Yellow (0%)
- Black (55%)



- Cyan (83%)
- Magenta (75%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4072 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 2B4072 by changing the saturation by 10% instead.

■ 2B4072

■ 2B4072

FFFFFF

■ 0C2A59

■ 5F6FA6

■ 001641

■ 7A89C2

■ 00032B

■ 95A3DE

■ 000115

■ B0BEFA

■ 000000

■ CCDAFF

■ E9F6FF

■ 2B4072

■ 2B4072

■ 203872

■ 364872

■ 143072

■ 425072

■ 092872

■ 4D5872

■ 002272

■ 596072

■ 646872

■ 6F7072

■ 7B7872

■ 868072

■ 928872

Harmonies

Analogous

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



004872



2B4072



543665

Triad

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



2B4072



69321F



004D34

Complementary

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



2B4072



725D2B

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.



264A1D



2B4072



593C0E

Square

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



2B4072



6F2B36



43440D



004E4E

Rectangle

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



2B4072



642F57



43440D



024C2C

Sweetspot

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



2B4072



788094



2B725D



393E4A



C9C9C9



4A4A4A

Same Dimension

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



2B4072



254694



392B72



323438



002378



0049F7

Inverse Universe

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



722B40



942546



64722B



383234



780023



F70049

Previews

White Background



This preview shows how the Hex color 2B4072 looks on a white background.

Color Contrast Check

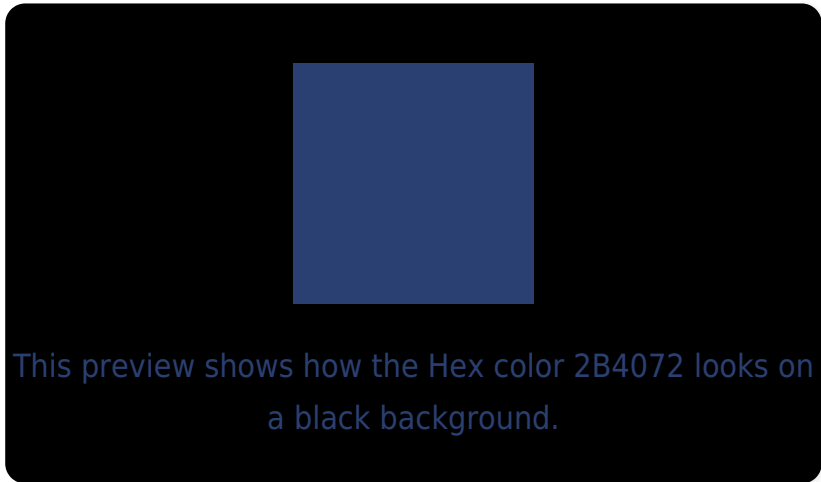
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B4072 Background



This preview shows how black text looks on a background with the Hex color 2B4072.



This preview shows how white text looks on a background with the Hex color 2B4072.

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

2B4072

Protanopia

2B4072

Deuteranopia

1C4271



Tritanopia
19484E

Trichromacy



Original Color
2B4072

Protanomaly
2B4072

Deuteranomaly
214171

Tritanomaly
20455B

Monochromacy



Original Color
2B4072

Achromatopsia
3F3F3F

Achromatomaly
383F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4072 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 #2B4072 looks like.

```
.text, #text, p{  
    color:#2B4072  
}
```

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 #2B4072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4072
}
```

Border

The CSS property to change the border of an element to Hex 2B4072 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".

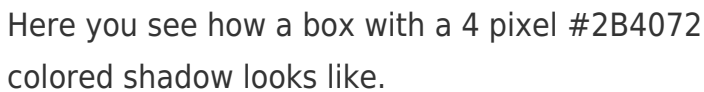
```
.border, #border, table{ border:4px solid
#2B4072 }
```

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

```
.border{ border-color:#2B4072 }
```

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

Here you see how a box with a 4 pixel #2B4072 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4072; -webkit-box-shadow:4px 4px  
4px 4px #2B4072; box-shadow:4px 4px 4px  
4px #2B4072 }
```

Background

The CSS property to change the background color of an element to Hex 2B4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4072 }
```

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

```
.background{ background-color:#2B4072 }
```

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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