

Converting Colors

Hex(2B2469)

Have a look what the booklet for
Hex(2B2469) contains.

Hex(2B2469)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B2469)

Conversions

Conversions Part 1

Format	Color
Hex	2B2469
RGB	43, 36, 105
RGB Percent	17%, 14%, 41%
CMY	0.8314, 0.8588, 0.5882
CMYK	0.59, 0.66, 0.00, 0.59
HSL	246°, 49%, 28%
HSV	246°, 66%, 41%
XYZ	4.1769, 2.7953, 13.6840
YIQ	45.9590, -17.9770, 22.9430

Conversions

Conversions Part 2

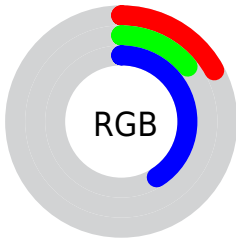
Format	Color
R_{YB}	43, 36, 105
Decimal	2827369
CIE _{Lab}	19.20, 24.70, -39.48
CIE _{LCh}	19, 46.573, 302.031
Yxy	2.7953, 0.2022, 0.1353
Android (android.graphics.Color)	4281017449 (0xFF2B2469)
YUV	45.9590, 29.1072, -2.5950
Hunter-Lab	16.7190, 15.3365, -36.8236

Details

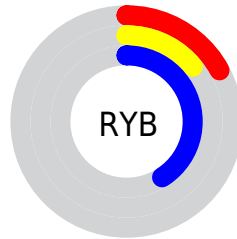
The Hex color **2B2469** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **626924**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5F519D**, and **000039** is the 20% darker color. If you saturate the color by 10%, you get **221A69**, and if you desaturate by 10%, it is **342F69**.

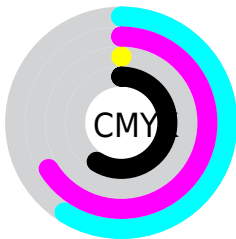
Distribution



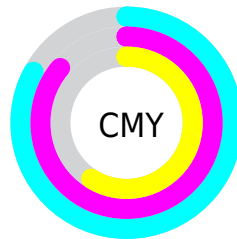
- Red (17%)
- Green (14%)
- Blue (41%)



- Red (17%)
- Yellow (14%)
- Blue (41%)



- Cyan (59%)
- Magenta (66%)
- Yellow (0%)
- Black (59%)



- Cyan (83%)
- Magenta (86%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B2469 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 2B2469 by changing the saturation by 10% instead.

 2B2469

 2B2469


FFFFFF

 0D1050

 5F519D

 000039

 7A69B8

 000222

 9583D4

 000009

 B09DF1

 000000

 CCB8FF

 E9D3FF

 FFF0FF

 2B2469

 2B2469

■ 221A69

■ 342F69

■ 180F69

■ 3E3969

■ 0F0569

■ 474469

■ 0B0069

■ 514E69

■ 5A5969

■ 646369

■ 6D6E69

■ 767869

■ 808369

Harmonies

Analogous

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



003374



2B2469



57094F

Triad

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



2B2469



531F00



003C30

Complementary

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



2B2469



626924

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.



003A0B



2B2469



392E00

Square

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



2B2469



64040B



153600



003C52

Rectangle

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



2B2469



640039



153600



003C24

Sweetspot

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



2B2469



716E8A



246269



363445



C4C4C4



454545

Same Dimension

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



2B2469



281D8A



4D2469



313036



0C0075



1900F5

Inverse Universe

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



692462



8A1D7F



406924



363035



750069



F500DC

Previews

White Background



This preview shows how the Hex color 2B2469 looks on a white background.

Color Contrast Check

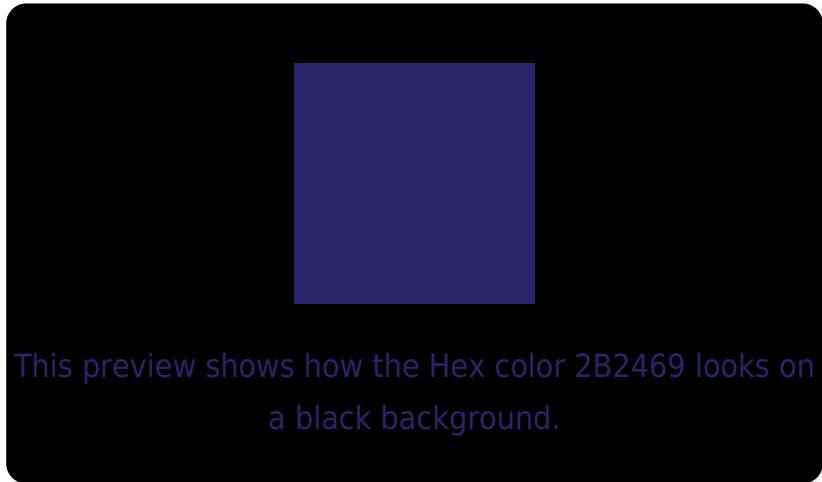
Large Text (above 18pt) WCAG AA ✓ Pass

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

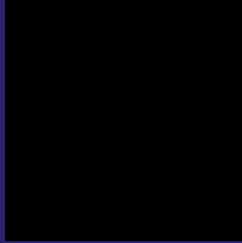
Any Text WCAG AA × Fail

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 2B2469 Background



This preview shows how black text looks on a background with the Hex color 2B2469.



This preview shows how white text looks on a background with the Hex color 2B2469.

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](#).

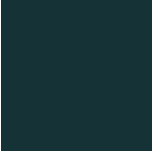
Dichromacy



Original Color
2B2469

Protanopia
002D60

Deuteranopia
003052



Tritanopia
153337

Trichromacy



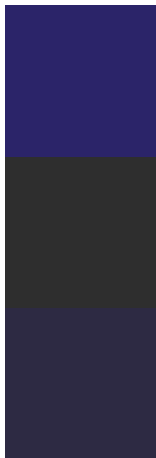
Original Color
2B2469

Protanomaly
102A63

Deuteranomaly
102C5A

Tritanomaly
1D2E49

Monochromacy



Original Color
2B2469

Achromatopsia
2E2E2E

Achromatomaly
2D2A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B2469 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 #2B2469 looks like.

```
.text, #text, p{  
    color:#2B2469  
}
```

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 #2B2469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B2469
}
```

Border

The CSS property to change the border of an element to Hex 2B2469 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
#2B2469 }
```

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

```
.border{ border-color:#2B2469 }
```

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

Here you see how a box with a 4 pixel #2B2469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B2469; -webkit-box-shadow:4px 4px  
4px 4px #2B2469; box-shadow:4px 4px 4px  
4px #2B2469 }
```

Background

The CSS property to change the background color of an element to Hex 2B2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B2469 }
```

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

```
.background{ background-color:#2B2469 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor