

Converting Colors

Hex(2B395E)

Have a look what the booklet for
Hex(2B395E) contains.

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Color

Hex(2B395E)

Conversions

Conversions Part 1

Format	Color
Hex	2B395E
RGB	43, 57, 94
RGB Percent	17%, 22%, 37%
CMY	0.8314, 0.7765, 0.6314
CMYK	0.54, 0.39, 0.00, 0.63
HSL	224°, 37%, 27%
HSV	224°, 54%, 37%
XYZ	4.4798, 4.2480, 11.1735
YIQ	57.0320, -20.2210, 8.5390

Conversions

Conversions Part 2

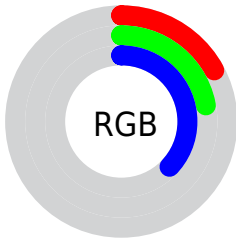
Format	Color
R_{YB}	43, 54, 94
Decimal	2832734
CIE Lab	24.47, 6.15, -23.85
CIE LCh	24, 24.631, 284.457
Yxy	4.2480, 0.2251, 0.2135
Android (android.graphics.Color)	4281022814 (0xFF2B395E)
YUV	57.0320, 18.2252, -12.3061
Hunter-Lab	20.6107, 2.7286, -17.7150

Details

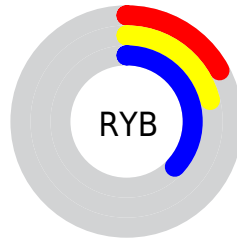
The Hex color **2B395E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E502B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5C6891**, and **000E30** is the 20% darker color. If you saturate the color by 10%, you get **22325E**, and if you desaturate by 10%, it is **34405E**.

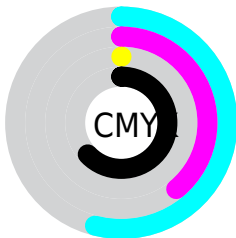
Distribution



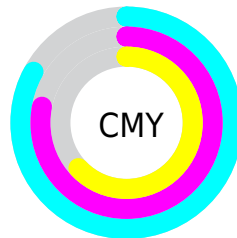
- Red (17%)
- Green (22%)
- Blue (37%)



- Red (17%)
- Yellow (21%)
- Blue (37%)



- Cyan (54%)
- Magenta (39%)
- Yellow (0%)
- Black (63%)



- Cyan (83%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B395E 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 2B395E by changing the saturation by 10% instead.

■ 2B395E

■ 2B395E

FFFFFF

■ 122446

■ 5C6891

■ 000E30

■ 7681AB

■ 00011A

■ 909BC7

■ 000000

■ ABB6E3

■ C7D1FF

■ E3EDFF

■ 2B395E

■ 2B395E

■ 22325E

■ 34405E

■ 182B5E

■ 3E475E

■ 0F255E

■ 474D5E

■ 051E5E

■ 51545E

■ 001A5E

■ 5A5B5E

■ 63625E

■ 6D695E

■ 76705E

■ 80765E

Harmonies

Analogous

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



003F5E



2B395E



473255

Triad

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



2B395E



592F21



064330

Complementary

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



2B395E



5E502B

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.



28401F



2B395E



4D3616

Square

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



2B395E



5D2B32



3C3C15



004443

Rectangle

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



2B395E



532D4A



3C3C15



154229

Sweetspot

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



2B395E



676C7A



2B5E50



32353D



BDBDBD



3D3D3D

Same Dimension

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



2B395E



2B417A



362B5E



292B2E



001E6E



0041ED

Inverse Universe

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



5E2B39



7A2B41



535E2B



2E292B



6E001E



ED0041

Previews

White Background



This preview shows how the Hex color 2B395E looks on a white background.

Color Contrast Check

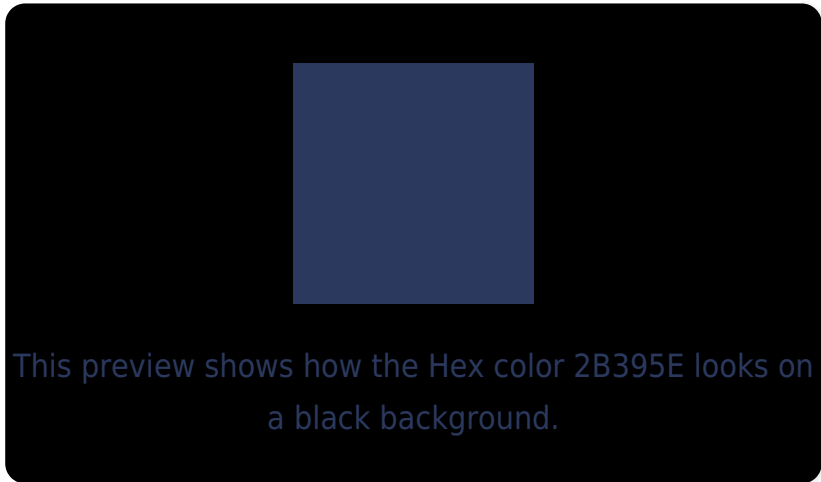
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B395E Background



This preview shows how black text looks on a background with the Hex color 2B395E.



This preview shows how white text looks on a background with the Hex color 2B395E.

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
2B395E

Protanopia
2C395E

Deuteranopia
253A5E



Tritanopia
213F44

Trichromacy



Original Color
2B395E

Protanomaly
2C395E

Deuteranomaly
273A5E

Tritanomaly
253D4D

Monochromacy



Original Color
2B395E

Achromatopsia
393939

Achromatomaly
343946

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B395E 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 #2B395E looks like.

```
.text, #text, p{  
    color:#2B395E  
}
```

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 #2B395E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B395E
}
```

Border

The CSS property to change the border of an element to Hex 2B395E 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".

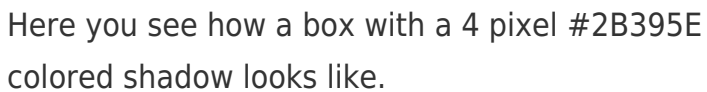
```
.border, #border, table{ border:4px solid
#2B395E }
```

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

```
.border{ border-color:#2B395E }
```

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

Here you see how a box with a 4 pixel #2B395E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B395E; -webkit-box-shadow:4px 4px  
4px 4px #2B395E; box-shadow:4px 4px 4px  
4px #2B395E }
```

Background

The CSS property to change the background color of an element to Hex 2B395E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B395E }
```

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

```
.background{ background-color:#2B395E }
```

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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