

Converting Colors

Hex(2B3766)

Have a look what the booklet for
Hex(2B3766) contains.

Hex(2B3766)	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(2B3766)

Conversions

Conversions Part 1

Format	Color
Hex	2B3766
RGB	43, 55, 102
RGB Percent	17%, 22%, 40%
CMY	0.8314, 0.7843, 0.6000
CMYK	0.58, 0.46, 0.00, 0.60
HSL	228°, 41%, 28%
HSV	228°, 58%, 40%
XYZ	4.7607, 4.2053, 13.1312
YIQ	56.7700, -22.2390, 12.0730

Conversions

Conversions Part 2

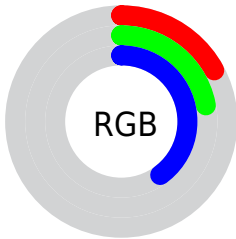
Format	Color
RYB	43, 53, 102
Decimal	2832230
CIELab	24.34, 10.44, -29.26
CIElCh	24, 31.068, 289.627
Yxy	4.2053, 0.2154, 0.1903
Android (android.graphics.Color)	4281022310 (0xFF2B3766)
YUV	56.7700, 22.2984, -12.0763
Hunter-Lab	20.5068, 5.5526, -23.6106

Details

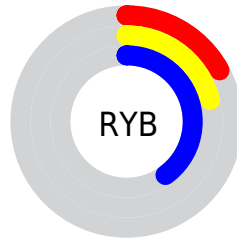
The Hex color **2B3766** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **665A2B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5E6699**, and **000C37** is the 20% darker color. If you saturate the color by 10%, you get **212F66**, and if you desaturate by 10%, it is **353F66**.

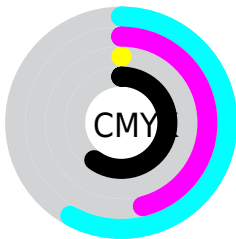
Distribution



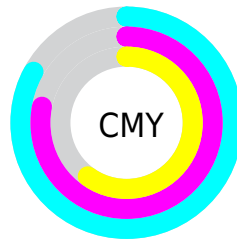
- Red (17%)
- Green (22%)
- Blue (40%)



- Red (17%)
- Yellow (21%)
- Blue (40%)



- Cyan (58%)
- Magenta (46%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3766 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 2B3766 by changing the saturation by 10% instead.

■ 2B3766

■ 2B3766

FFFFFF

■ 10224E

■ 5E6699

■ 000C37

■ 777EB4

■ 000221

■ 9298D0

■ 000006

■ ADB3EC

■ 000000

■ C9CEFF

■ E6EBFF

■ 2B3766

■ 2B3766

■ 212F66

■ 353F66

■ 172766

■ 3F4766

■ 0C1F66

■ 4A4F66

■ 021666

■ 545866

■ 001566

■ 5E6066

■ 686866

■ 727066

■ 7D7866

■ 878066

Harmonies

Analogous

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



003F68



2B3766



4E2D58

Triad

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



2B3766



5D2C17



004531

Complementary

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



2B3766



665A2B

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.



1B421A



2B3766



4D3608

Square

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



2B3766



64252C



373D09



004549

Rectangle

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



2B3766



5C274B



373D09



004429

Sweetspot

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



2B3766



6E7385



2B6659



353842



C2C2C2



424242

Same Dimension

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



2B3766



293C85



3C2B66



2E2F33



001773



0031F2

Inverse Universe

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



662B37



85293C



55662B



332E2F



730017



F20031

Previews

White Background



This preview shows how the Hex color 2B3766 looks on a white background.

Color Contrast Check

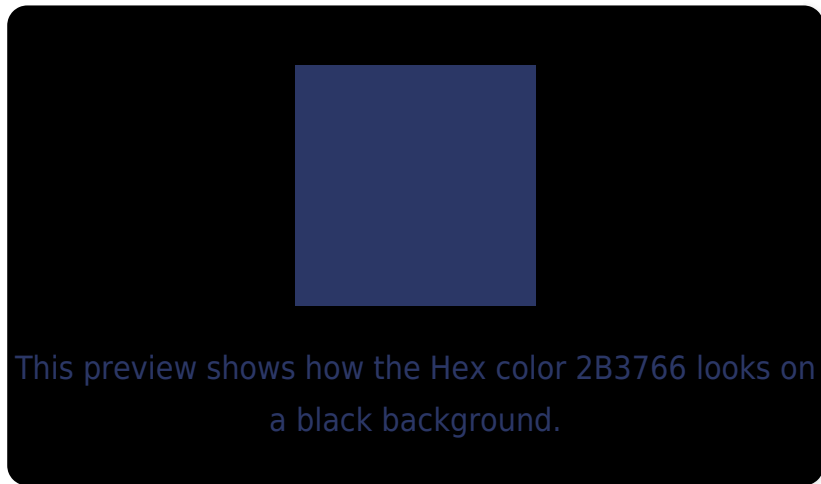
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B3766 Background



This preview shows how black text looks on a background with the Hex color 2B3766.



This preview shows how white text looks on a background with the Hex color 2B3766.

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
2B3766

Protanopia
243867

Deuteranopia
163B65



Tritanopia
1D3F44

Trichromacy



Original Color
2B3766

Protanomaly
273867

Deuteranomaly
1E3A65

Tritanomaly
223C50

Monochromacy



Original Color
2B3766

Achromatopsia
393939

Achromatomaly
343849

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3766 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 #2B3766 looks like.

```
.text, #text, p{  
  color:#2B3766  
}
```

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 #2B3766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3766
}
```

Border

The CSS property to change the border of an element to Hex 2B3766 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
#2B3766 }
```

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

```
.border{ border-color:#2B3766 }
```

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

Here you see how a box with a 4 pixel #2B3766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3766; -webkit-box-shadow:4px 4px  
4px 4px #2B3766; box-shadow:4px 4px 4px  
4px #2B3766 }
```

Background

The CSS property to change the background color of an element to Hex 2B3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3766 }
```

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

```
.background{ background-color:#2B3766 }
```

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