

Converting Colors

Hex(235B6E)

Have a look what the booklet for
Hex(235B6E) contains.

Hex(235B6E)	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(235B6E)

Conversions

Conversions Part 1

Format	Color
Hex	235B6E
RGB	35, 91, 110
RGB Percent	14%, 36%, 43%
CMY	0.8627, 0.6431, 0.5686
CMYK	0.68, 0.17, 0.00, 0.57
HSL	195°, 52%, 28%
HSV	195°, 68%, 43%
XYZ	7.2487, 8.9653, 16.1003
YIQ	76.4220, -39.4750, -5.9630

Conversions

Conversions Part 2

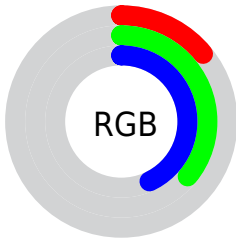
Format	Color
R_{YB}	35, 67, 110
Decimal	2317166
CIE _{Lab}	35.92, -11.75, -16.25
CIE _{LCh}	36, 20.048, 234.136
Yxy	8.9653, 0.2243, 0.2774
Android (android.graphics.Color)	4280507246 (0xFF235B6E)
YUV	76.4220, 16.5540, -36.3271
Hunter-Lab	29.9421, -9.1855, -10.9216

Details

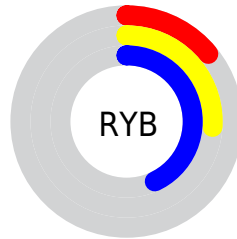
The Hex color **235B6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E3623**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **598DA2**, and **002D3E** is the 20% darker color. If you saturate the color by 10%, you get **18586E**, and if you desaturate by 10%, it is **2E5E6E**.

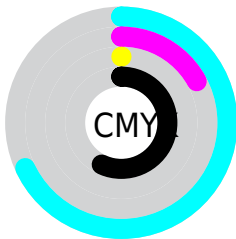
Distribution



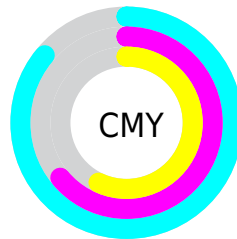
- Red (14%)
- Green (36%)
- Blue (43%)



- Red (14%)
- Yellow (26%)
- Blue (43%)



- Cyan (68%)
- Magenta (17%)
- Yellow (0%)
- Black (57%)



- Cyan (86%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235B6E 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 235B6E by changing the saturation by 10% instead.

■ 235B6E

■ 235B6E

FFFFFF

■ 004356

■ 598DA2

■ 002D3E

■ 74A8BD

■ 001928

■ 8FC3D8

■ 000114

■ AADFF5

■ 000000

■ C6FBFF

■ E3FFFF

■ 235B6E

■ 235B6E

■ 18586E

■ 2E5E6E

0D556E

39616E

02536E

44636E

00526E

4F666E

5A696E

656C6E

706F6E

7B716E

86746E

Harmonies

Analogous

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



1E5D61



235B6E



3A5774

Triad

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



235B6E



724958



525737

Complementary

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



235B6E



6E3623

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.



625235



235B6E



744948

Square

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



235B6E



664C67



6E4D3B



405B41

Rectangle

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



235B6E



4A5373



6E4D3B



585635

Sweetspot

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



235B6E



72888F



236E36



364347



C7C7C7



474747

Same Dimension

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



235B6E



1A718F



23366E



323738



005978



00B9F7

Inverse Universe

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



6E235B



8F1A71



6E5B23



383237



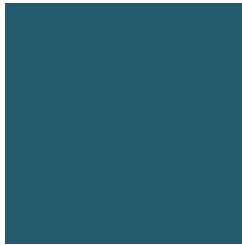
780059



F700B9

Previews

White Background



This preview shows how the Hex color 235B6E looks on a white background.

Color Contrast Check

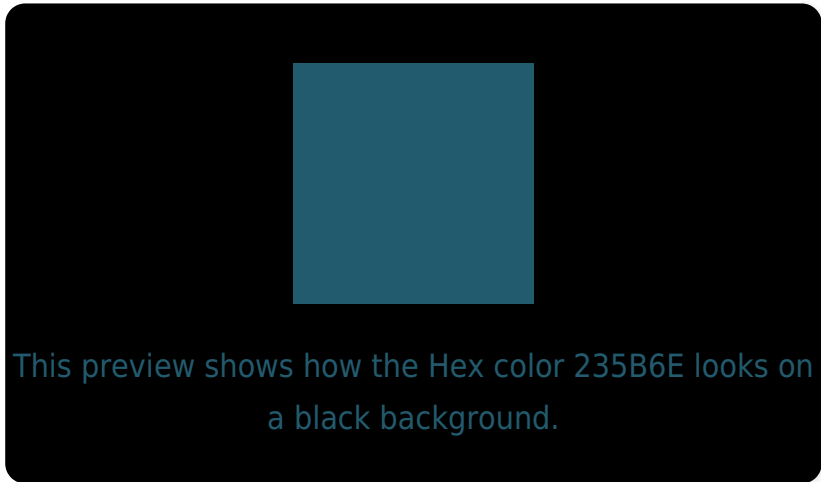
Large Text (above 18pt) WCAG AA ✓ Pass

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

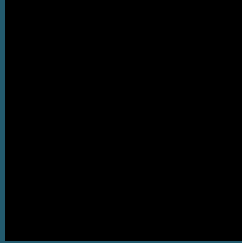
Any Text WCAG AA × Fail

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 235B6E Background



This preview shows how black text looks on a background with the Hex color 235B6E.

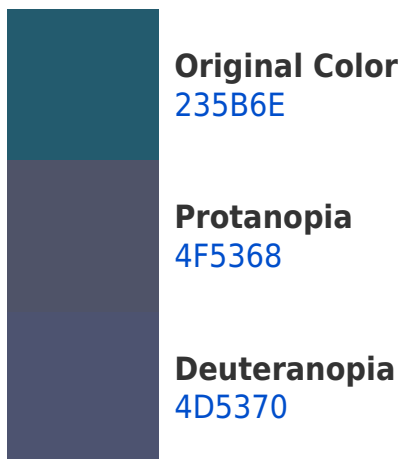



This preview shows how white text looks on a background with the Hex color 235B6E.

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](#).

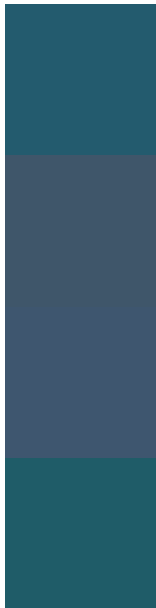
Dichromacy





Tritanopia
1D5D64

Trichromacy



Original Color
235B6E

Protanomaly
3F566A

Deuteranomaly
3E566F

Tritanomaly
1F5C68

Monochromacy



Original Color
235B6E

Achromatopsia
4C4C4C

Achromatomaly
3D5158

CSS Examples

Text

The CSS property to change the color of the text to Hex 235B6E 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 #235B6E looks like.

```
.text, #text, p{  
    color:#235B6E  
}
```

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 #235B6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235B6E
}
```

Border

The CSS property to change the border of an element to Hex 235B6E 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".

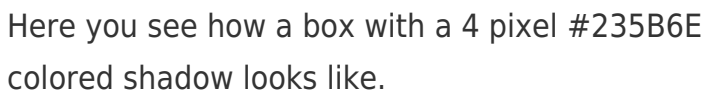
```
.border, #border, table{ border:4px solid
#235B6E }
```

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

```
.border{ border-color:#235B6E }
```

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

Here you see how a box with a 4 pixel #235B6E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235B6E; -webkit-box-shadow:4px 4px  
4px 4px #235B6E; box-shadow:4px 4px 4px  
4px #235B6E }
```

Background

The CSS property to change the background color of an element to Hex 235B6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235B6E }
```

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

```
.background{ background-color:#235B6E }
```

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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