

Converting Colors

Hex(235F6E)

Have a look what the booklet for
Hex(235F6E) contains.

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Color

Hex(235F6E)

Conversions

Conversions Part 1

Format	Color
Hex	235F6E
RGB	35, 95, 110
RGB Percent	14%, 37%, 43%
CMY	0.8627, 0.6275, 0.5686
CMYK	0.68, 0.14, 0.00, 0.57
HSL	192°, 52%, 28%
HSV	192°, 68%, 43%
XYZ	7.5998, 9.6675, 16.2173
YIQ	78.7700, -40.5750, -8.0550

Conversions

Conversions Part 2

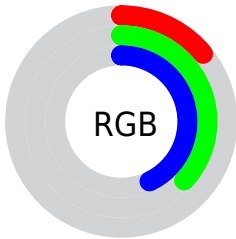
Format	Color
R_{YB}	35, 68, 110
Decimal	2318190
CIE Lab	37.24, -14.07, -14.22
CIE LCh	37, 20.009, 225.308
Yxy	9.6675, 0.2270, 0.2887
Android (android.graphics.Color)	4280508270 (0xFF235F6E)
YUV	78.7700, 15.3964, -38.3863
Hunter-Lab	31.0927, -10.7823, -9.1596

Details

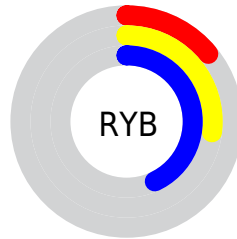
The Hex color **235F6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E3223**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5992A2**, and **00313E** is the 20% darker color. If you saturate the color by 10%, you get **185D6E**, and if you desaturate by 10%, it is **2E616E**.

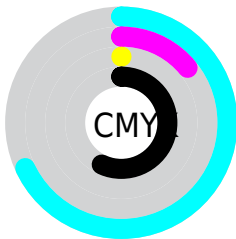
Distribution



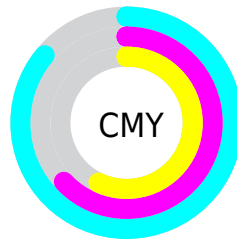
- Red (14%)
- Green (37%)
- Blue (43%)



- Red (14%)
- Yellow (27%)
- Blue (43%)



- Cyan (68%)
- Magenta (14%)
- Yellow (0%)
- Black (57%)



- Cyan (86%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235F6E 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 235F6E by changing the saturation by 10% instead.

■ 235F6E

■ 235F6E

FFFFFF

■ 004756

■ 5992A2

■ 00313E

■ 74ACBD

■ 001C28

■ 8FC8D8

■ 000114

■ ABE4F5

■ 000000

■ C7FFFF

■ E4FFFF

■ 235F6E

■ 235F6E

■ 185D6E

■ 2E616E

0D5B6E

39636E

02586E

44666E

00586E

4F686E

5A6A6E

656C6E

706E6E

7B716E

86736E

Harmonies

Analogous

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



256060



235F6E



365C76

Triad

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



235F6E



724C60



5A5938

Complementary

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



235F6E



6E3223

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.



6A5439



235F6E



784C50

Square

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



235F6E



64516E



744F41



485D40

Rectangle

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



235F6E



465877



744F41



605837

Sweetspot

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



235F6E



72898F



236E32



364447



C7C7C7



474747

Same Dimension

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



235F6E



1A778F



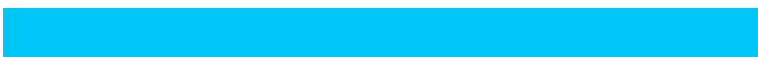
233A6E



323738



006078



00C6F7

Inverse Universe

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



6E235F



8F1A77



6E5823



383237



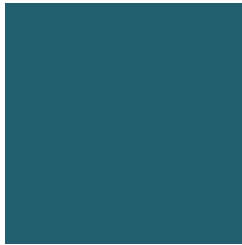
780060



F700C6

Previews

White Background



This preview shows how the Hex color 235F6E looks on a white background.

Color Contrast Check

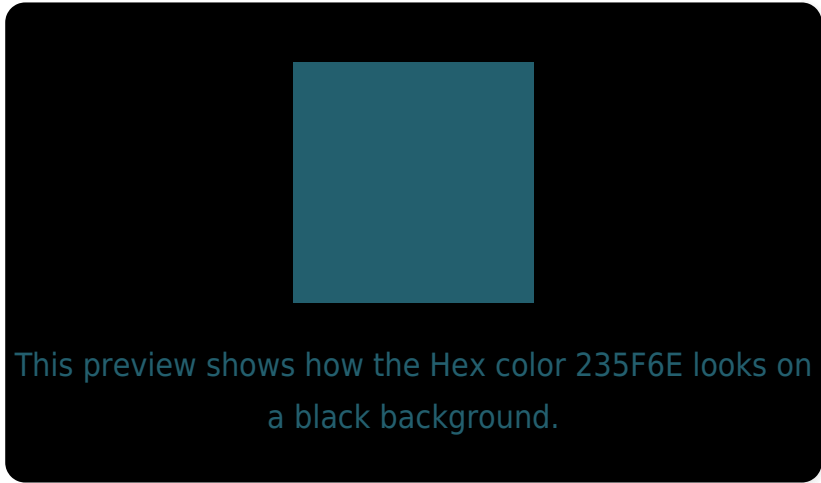
Large Text (above 18pt) WCAG AA ✓ Pass

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

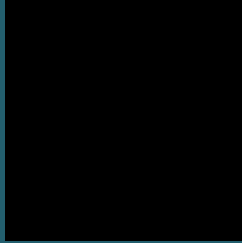
Any Text WCAG AA × Fail

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 235F6E Background



This preview shows how black text looks on a background with the Hex color 235F6E.




This preview shows how white text looks on a background with the Hex color 235F6E.

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](#).

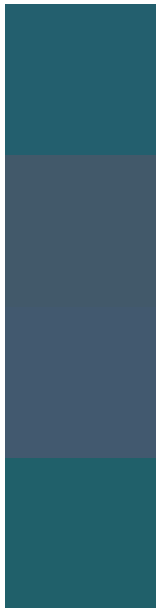
Dichromacy





Tritanopia
1F6068

Trichromacy



Original Color
235F6E

Protanomaly
42596A

Deuteranomaly
42596F

Tritanomaly
20606A

Monochromacy



Original Color
235F6E

Achromatopsia
4F4F4F

Achromatomaly
3F555A

CSS Examples

Text

The CSS property to change the color of the text to Hex 235F6E 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 #235F6E looks like.

```
.text, #text, p{  
    color:#235F6E  
}
```

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 #235F6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235F6E
}
```

Border

The CSS property to change the border of an element to Hex 235F6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

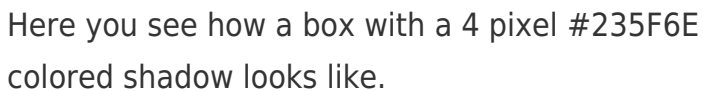
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#235F6E }
```

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

```
.border{ border-color:#235F6E }
```

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



Here you see how a box with a 4 pixel #235F6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235F6E; -webkit-box-shadow:4px 4px  
4px 4px #235F6E; box-shadow:4px 4px 4px  
4px #235F6E }
```

Background

The CSS property to change the background color of an element to Hex 235F6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235F6E }
```

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

```
.background{ background-color:#235F6E }
```

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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