

Converting Colors

Hex(235B5F)

Have a look what the booklet for
Hex(235B5F) contains.

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Color

Hex(235B5F)

Conversions

Conversions Part 1

Format	Color
Hex	235B5F
RGB	35, 91, 95
RGB Percent	14%, 36%, 37%
CMY	0.8627, 0.6431, 0.6275
CMYK	0.63, 0.04, 0.00, 0.63
HSL	184°, 46%, 25%
HSV	184°, 63%, 37%
XYZ	6.4998, 8.6657, 12.1565
YIQ	74.7120, -34.6600, -10.6280

Conversions

Conversions Part 2

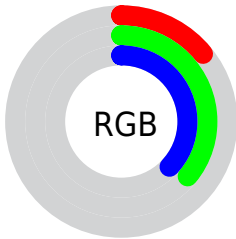
Format	Color
R_{YB}	35, 64, 95
Decimal	2317151
CIE _{Lab}	35.33, -16.79, -7.80
CIE _{LCh}	35, 18.517, 204.913
Yxy	8.6657, 0.2379, 0.3172
Android (android.graphics.Color)	4280507231 (0xFF235B5F)
YUV	74.7120, 10.0020, -34.8274
Hunter-Lab	29.4376, -12.1032, -3.8781

Details

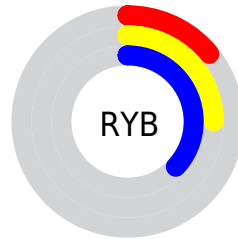
The Hex color **235B5F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F2723**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **578D91**, and **002D31** is the 20% darker color. If you saturate the color by 10%, you get **195A5F**, and if you desaturate by 10%, it is **2D5C5F**.

Distribution



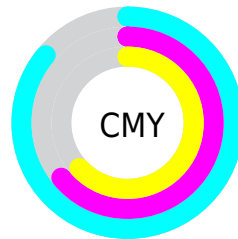
- Red (14%)
- Green (36%)
- Blue (37%)



- Red (14%)
- Yellow (25%)
- Blue (37%)



- Cyan (63%)
- Magenta (4%)
- Yellow (0%)
- Black (63%)



- Cyan (86%)
- Magenta (64%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235B5F 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 235B5F by changing the saturation by 10% instead.

■ 235B5F

■ 235B5F

FFFFFF

■ 014347

■ 578D91

■ 002D31

■ 71A8AC

■ 001A1C

■ 8CC3C7

■ 000000

■ A7DFE3

■ C3FCFF

■ E0FFFF

■ F0FFFF

■ 235B5F

■ 235B5F

■ 195A5F

■ 2D5C5F

■ 105A5F

■ 365C5F

■ 06595F

■ 405D5F

■ 00595F

■ 495E5F

■ 535E5F

■ 5C5F5F

■ 665F5F

■ 6F605F

■ 79615F

Harmonies

Analogous

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



2F5B50



235B5F



28596B

Triad

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



235B5F



644B64



605136

Complementary

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



235B5F



5F2723

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.



6B4C3B



235B5F



6E4856

Square

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



235B5F



52506E



704947



515638

Rectangle

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



235B5F



34576F



704947



645037

Sweetspot

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



235B5F



63797A



235F27



2F3C3D



BDBDBD



3D3D3D

Same Dimension

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



235B5F



1D747A



233D5F



2C3030



006970



00E0F0

Inverse Universe

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



5F235B



7A1D74



5F4523



302C30



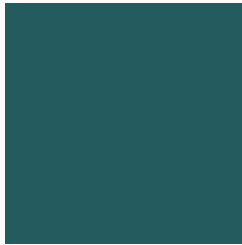
700069



F000E0

Previews

White Background



This preview shows how the Hex color 235B5F looks on a white background.

Color Contrast Check

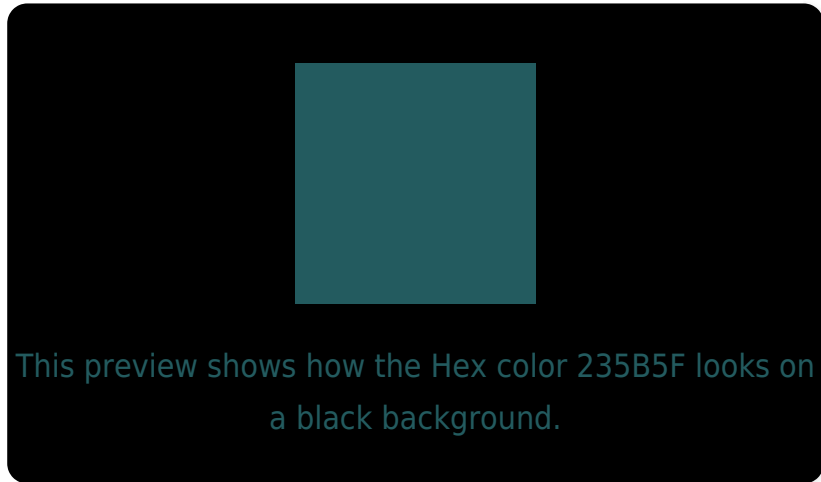
Large Text (above 18pt) WCAG AA ✓ Pass

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

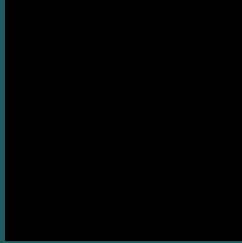
Any Text WCAG AA × Fail

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 235B5F Background



This preview shows how black text looks on a background with the Hex color 235B5F.

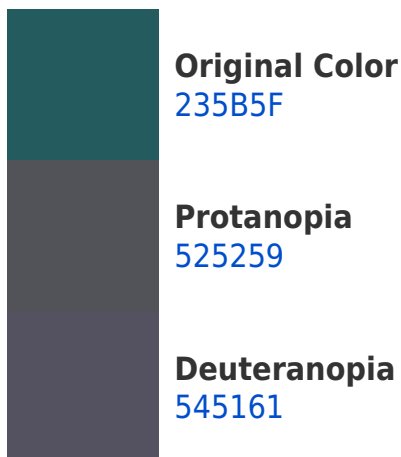


This preview shows how white text looks on a background with the Hex color 235B5F.

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](#).

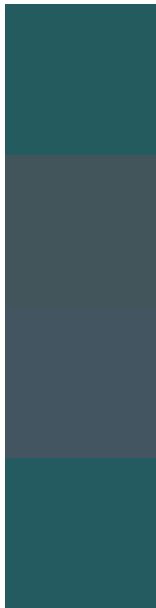
Dichromacy





Tritanopia
245B62

Trichromacy



Original Color
235B5F

Protanomaly
41555B

Deuteranomaly
425560

Tritanomaly
245B61

Monochromacy



Original Color
235B5F

Achromatopsia
4B4B4B

Achromatomaly
3C5152

CSS Examples

Text

The CSS property to change the color of the text to Hex 235B5F 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 #235B5F looks like.

```
.text, #text, p{  
    color:#235B5F  
}
```

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 #235B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235B5F  
}
```

Border

The CSS property to change the border of an element to Hex 235B5F 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  
#235B5F }
```

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

```
.border{ border-color:#235B5F }
```

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

Here you see how a box with a 4 pixel #235B5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235B5F; -webkit-box-shadow:4px 4px  
4px 4px #235B5F; box-shadow:4px 4px 4px  
4px #235B5F }
```

Background

The CSS property to change the background color of an element to Hex 235B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235B5F }
```

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

```
.background{ background-color:#235B5F }
```

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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