

Converting Colors

Hex(235D5F)

Have a look what the booklet for
Hex(235D5F) contains.

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Color

Hex(235D5F)

Conversions

Conversions Part 1

Format	Color
Hex	235D5F
RGB	35, 93, 95
RGB Percent	14%, 36%, 37%
CMY	0.8627, 0.6353, 0.6275
CMYK	0.63, 0.02, 0.00, 0.63
HSL	182°, 46%, 25%
HSV	182°, 63%, 37%
XYZ	6.6730, 9.0122, 12.2143
YIQ	75.8860, -35.2100, -11.6740

Conversions

Conversions Part 2

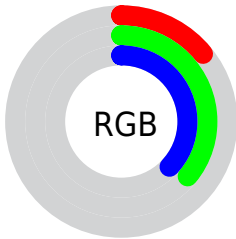
Format	Color
R _Y B	35, 64, 95
Decimal	2317663
CIE Lab	36.01, -17.90, -6.79
CIE LCh	36, 19.147, 200.764
Yxy	9.0122, 0.2392, 0.3230
Android (android.graphics.Color)	4280507743 (0xFF235D5F)
YUV	75.8860, 9.4232, -35.8570
Hunter-Lab	30.0204, -12.8581, -3.1088

Details

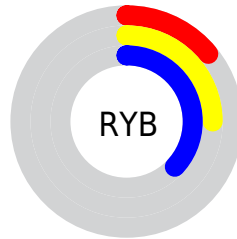
The Hex color **235D5F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F2523**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **579091**, and **002F31** is the 20% darker color. If you saturate the color by 10%, you get **195D5F**, and if you desaturate by 10%, it is **2D5D5F**.

Distribution



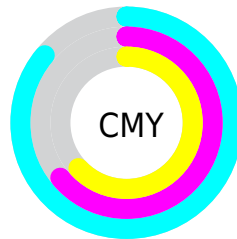
- Red (14%)
- Green (36%)
- Blue (37%)



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



- Cyan (63%)
- Magenta (2%)
- Yellow (0%)
- Black (63%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 235D5F 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 235D5F by changing the saturation by 10% instead.

■ 235D5F

■ 235D5F

FFFFFF

■ 014547

■ 579091

■ 002F31

■ 72AAAC

■ 001B1C

■ 8CC6C7

■ 000000

■ A8E2E3

■ C4FEFF

■ E0FFFF

■ F0FFFF

■ 235D5F

■ 235D5F

■ 195D5F

■ 2D5D5F

■ 105C5F

■ 365E5F

■ 065C5F

■ 405E5F

■ 005C5F

■ 495E5F

■ 535F5F

■ 5C5F5F

■ 665F5F

■ 6F605F

■ 79605F

Harmonies

Analogous

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



315D4F



235D5F



265B6C

Triad

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



235D5F



644D68



645237

Complementary

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



235D5F



5F2523

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.



6F4D3E



235D5F



704A5A

Square

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



235D5F



505271



734A4B



545738

Rectangle

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



235D5F



325971



734A4B



685038

Sweetspot

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



235D5F



637A7A



235F25



2F3D3D



BDBDBD



3D3D3D

Same Dimension

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



235D5F



1D777A



233F5F



2C3030



006C70



00E8F0

Inverse Universe

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



5F235D



7A1D77



5F4323



302C30



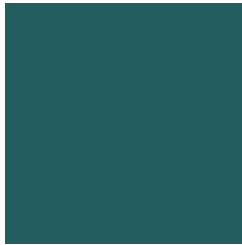
70006C



F000E8

Previews

White Background



This preview shows how the Hex color 235D5F looks on a white background.

Color Contrast Check

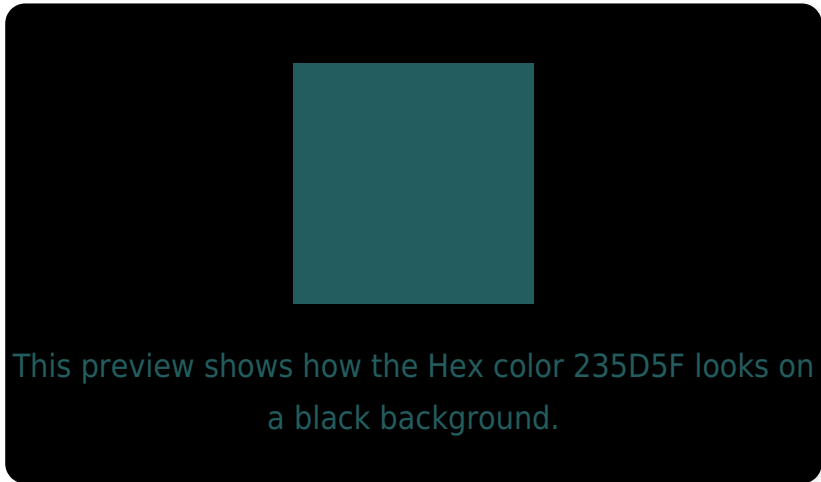
Large Text (above 18pt) WCAG AA ✓ Pass

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

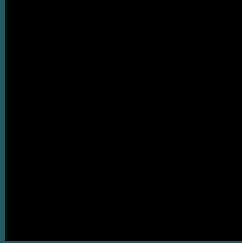
Any Text WCAG AA × Fail

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 235D5F Background



This preview shows how black text looks on a background with the Hex color 235D5F.

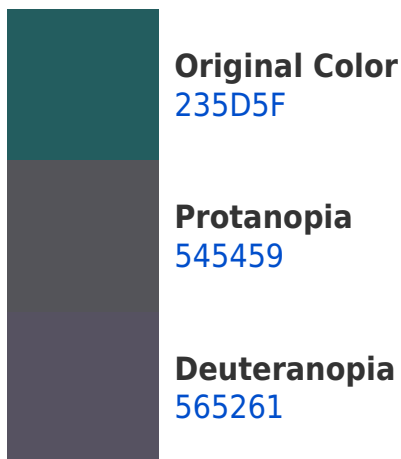



This preview shows how white text looks on a background with the Hex color 235D5F.

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](#).

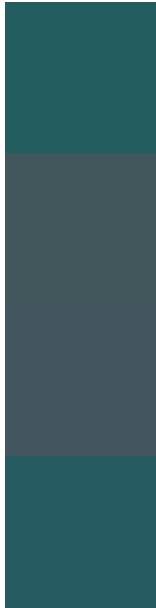
Dichromacy





Tritanopia
255C64

Trichromacy



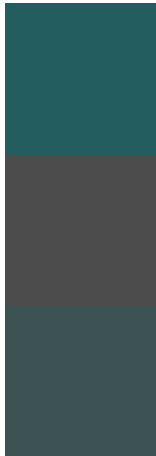
Original Color
235D5F

Protanomaly
42575B

Deuteranomaly
435660

Tritanomaly
245C62

Monochromacy



Original Color
235D5F

Achromatopsia
4C4C4C

Achromatomaly
3D5253

CSS Examples

Text

The CSS property to change the color of the text to Hex 235D5F 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 #235D5F looks like.

```
.text, #text, p{  
    color:#235D5F  
}
```

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 #235D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235D5F
}
```

Border

The CSS property to change the border of an element to Hex 235D5F 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
#235D5F }
```

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

```
.border{ border-color:#235D5F }
```

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

Here you see how a box with a 4 pixel #235D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235D5F; -webkit-box-shadow:4px 4px  
4px 4px #235D5F; box-shadow:4px 4px 4px  
4px #235D5F }
```

Background

The CSS property to change the background color of an element to Hex 235D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235D5F }
```

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

```
.background{ background-color:#235D5F }
```

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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