

Converting Colors

Hex(235E66)

Have a look what the booklet for
Hex(235E66) contains.

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Color

Hex(235E66)

Conversions

Conversions Part 1

Format	Color
Hex	235E66
RGB	35, 94, 102
RGB Percent	14%, 37%, 40%
CMY	0.8627, 0.6314, 0.6000
CMYK	0.66, 0.08, 0.00, 0.60
HSL	187°, 49%, 27%
HSV	187°, 66%, 40%
XYZ	7.0941, 9.3220, 13.9958
YIQ	77.2710, -37.7320, -10.0200

Conversions

Conversions Part 2

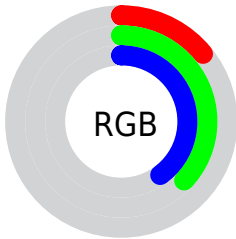
Format	Color
R_{YB}	35, 66, 102
Decimal	2317926
CIE Lab	36.60, -16.19, -10.25
CIE LCh	37, 19.165, 212.334
Yxy	9.3220, 0.2333, 0.3065
Android (android.graphics.Color)	4280508006 (0xFF235E66)
YUV	77.2710, 12.1914, -37.0717
Hunter-Lab	30.5320, -11.9566, -5.8060

Details

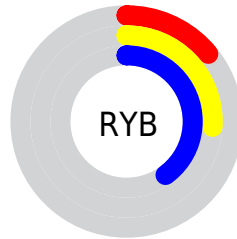
The Hex color **235E66** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **662B23**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **589199**, and **003037** is the 20% darker color. If you saturate the color by 10%, you get **195D66**, and if you desaturate by 10%, it is **2D5F66**.

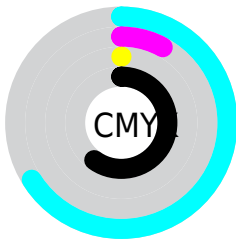
Distribution



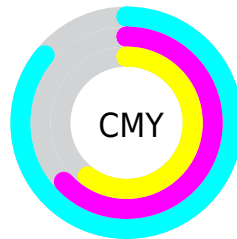
- Red (14%)
- Green (37%)
- Blue (40%)



- Red (14%)
- Yellow (26%)
- Blue (40%)



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (86%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235E66 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 235E66 by changing the saturation by 10% instead.

■ 235E66

■ 235E66

FFFFFF

■ 00464E

■ 589199

■ 003037

■ 73ABB4

■ 001C22

■ 8EC7CF

■ 00000B

■ A9E3EB

■ 000000

■ C5FFFF

■ E2FFFF

■ 235E66

■ 235E66

■ 195D66

■ 2D5F66

0F5C66

376066

045A66

426266

005A66

4C6366

566466

606566

6A6766

756866

7F6966

Harmonies

Analogous

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



2C5F57



235E66



2D5B71

Triad

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



235E66



6B4D65



605637

Complementary

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



235E66



662B23

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.



6D503B



235E66



744B55

Square

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



235E66



5A5270



744C46



4F5A3C

Rectangle

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



235E66



3C5974



744C46



645438

Sweetspot

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



235E66



6A8185



23662B



324042



C2C2C2



424242

Same Dimension

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



235E66



1C7885



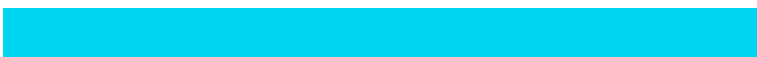
233D66



2E3233



006573



00D5F2

Inverse Universe

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



66235E



851C78



664C23



332E32



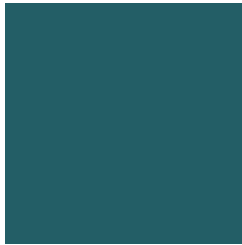
730065



F200D5

Previews

White Background



This preview shows how the Hex color 235E66 looks on a white background.

Color Contrast Check

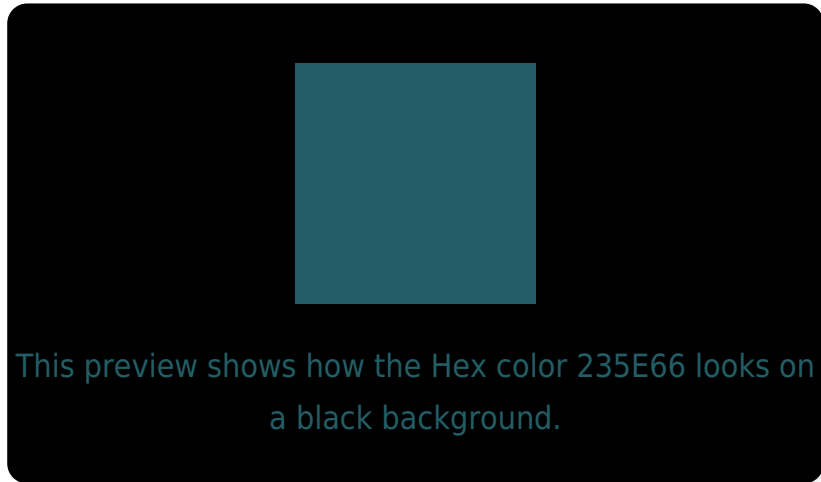
Large Text (above 18pt) WCAG AA ✓ Pass

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

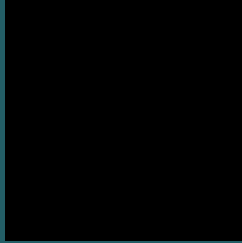
Any Text WCAG AA × Fail

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 235E66 Background



This preview shows how black text looks on a background with the Hex color 235E66.

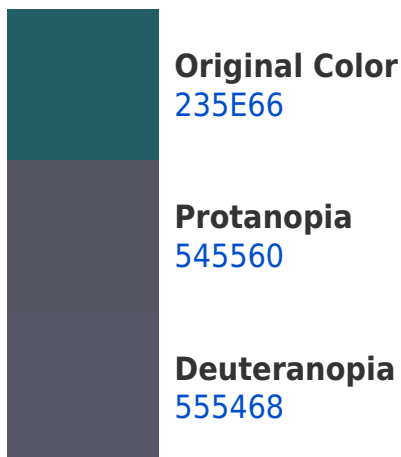



This preview shows how white text looks on a background with the Hex color 235E66.

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
235E66

Trichromacy



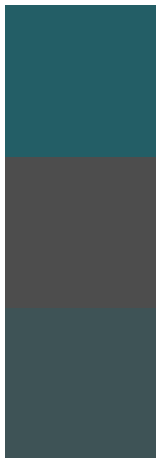
Original Color
235E66

Protanomaly
425862

Deuteranomaly
435867

Tritanomaly
235E66

Monochromacy



Original Color
235E66

Achromatopsia
4D4D4D

Achromatomaly
3E5356

CSS Examples

Text

The CSS property to change the color of the text to Hex 235E66 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 #235E66 looks like.

```
.text, #text, p{  
    color:#235E66  
}
```

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 #235E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235E66  
}
```

Border

The CSS property to change the border of an element to Hex 235E66 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  
#235E66 }
```

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

```
.border{ border-color:#235E66 }
```

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

Here you see how a box with a 4 pixel #235E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235E66; -webkit-box-shadow:4px 4px  
4px 4px #235E66; box-shadow:4px 4px 4px  
4px #235E66 }
```

Background

The CSS property to change the background color of an element to Hex 235E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235E66 }
```

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

```
.background{ background-color:#235E66 }
```

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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