

Converting Colors

Hex(235D73)

Have a look what the booklet for
Hex(235D73) contains.

Hex(235D73)	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(235D73)

Conversions

Conversions Part 1

Format	Color
Hex	235D73
RGB	35, 93, 115
RGB Percent	14%, 36%, 45%
CMY	0.8627, 0.6353, 0.5490
CMYK	0.70, 0.19, 0.00, 0.55
HSL	197°, 53%, 29%
HSV	197°, 70%, 45%
XYZ	7.7020, 9.4238, 17.6327
YIQ	78.1660, -41.6300, -5.4540

Conversions

Conversions Part 2

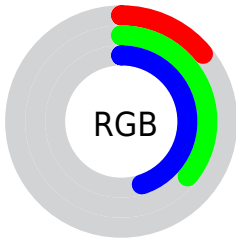
Format	Color
R _Y B	35, 69, 115
Decimal	2317683
CIE Lab	36.79, -11.17, -18.00
CIE LCh	37, 21.183, 238.187
Yxy	9.4238, 0.2216, 0.2711
Android (android.graphics.Color)	4280507763 (0xFF235D73)
YUV	78.1660, 18.1592, -37.8566
Hunter-Lab	30.6983, -8.9374, -12.5667

Details

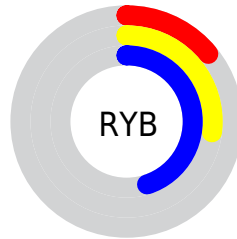
The Hex color **235D73** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **733923**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5A8FA7**, and **002F43** is the 20% darker color. If you saturate the color by 10%, you get **185A73**, and if you desaturate by 10%, it is **2F6073**.

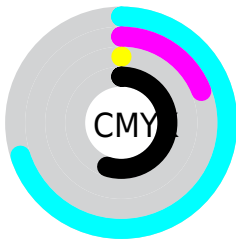
Distribution



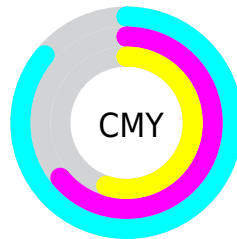
- Red (14%)
- Green (36%)
- Blue (45%)



- Red (14%)
- Yellow (27%)
- Blue (45%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)
- Black (55%)



- Cyan (86%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235D73 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 235D73 by changing the saturation by 10% instead.

■ 235D73

■ 235D73

FFFFFF

■ 00455A

■ 5A8FA7

■ 002F43

■ 75AAC2

■ 001B2D

■ 90C5DE

■ 000118

■ ACE1FB

■ 000000

■ C8FEFF

■ E5FFFF

■ 235D73

■ 235D73

■ 185A73

■ 2F6073

■ 0C5773

■ 3A6373

■ 015473

■ 466673

■ 005373

■ 516A73

■ 5D6D73

■ 687073

■ 747373

■ 7F7673

■ 8B7973

Harmonies

Analogous

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



195F66



235D73



3D5878

Triad

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



235D73



764A58



515A38

Complementary

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



235D73



733923

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.



635534



235D73



784B47

Square

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



235D73



6B4D69



714F3A



3D5E44

Rectangle

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



235D73



4F5577



714F3A



585936

Sweetspot

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



235D73



778E96



237338



39474D



CCCCCC



4D4D4D

Same Dimension

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



235D73



1A7496



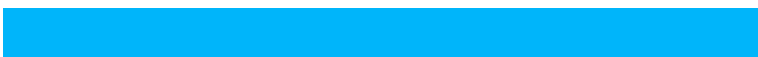
233673



35393B



00597A



00B5FA

Inverse Universe

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



73235D



961A74



736023



3B3539



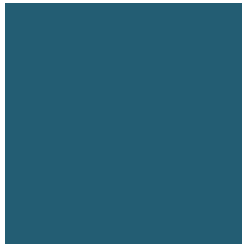
7A0059



FA00B5

Previews

White Background



This preview shows how the Hex color 235D73 looks on a white background.

Color Contrast Check

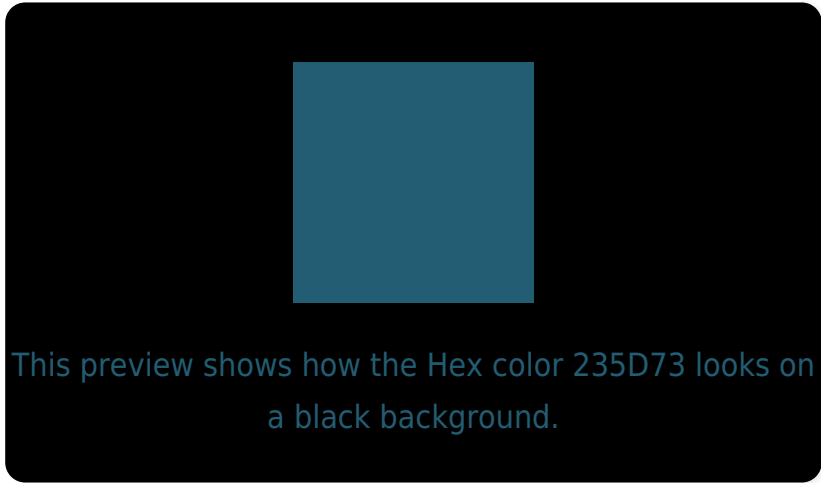
Large Text (above 18pt) WCAG AA ✓ Pass

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

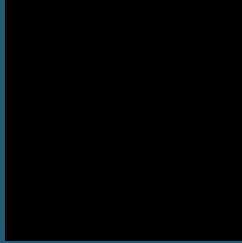
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

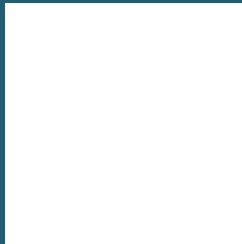
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 235D73 Background



This preview shows how black text looks on a background with the Hex color 235D73.

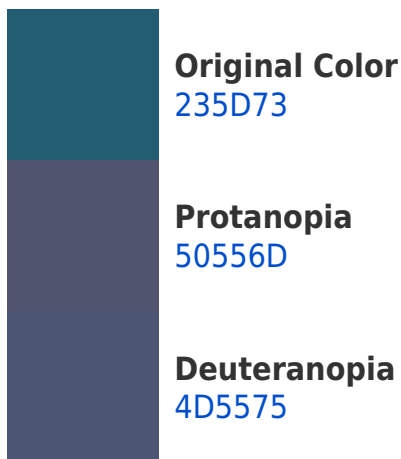


This preview shows how white text looks on a background with the Hex color 235D73.

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](#).

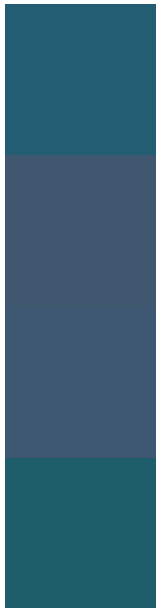
Dichromacy





Tritanopia
1B5F67

Trichromacy



Original Color
235D73

Protanomaly
40586F

Deuteranomaly
3E5874

Tritanomaly
1E5E6B

Monochromacy



Original Color
235D73

Achromatopsia
4E4E4E

Achromatomaly
3E535B

CSS Examples

Text

The CSS property to change the color of the text to Hex 235D73 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 #235D73 looks like.

```
.text, #text, p{  
    color:#235D73  
}
```

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 #235D73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235D73
}
```

Border

The CSS property to change the border of an element to Hex 235D73 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
#235D73 }
```

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

```
.border{ border-color:#235D73 }
```

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

Here you see how a box with a 4 pixel #235D73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235D73; -webkit-box-shadow:4px 4px  
4px 4px #235D73; box-shadow:4px 4px 4px  
4px #235D73 }
```

Background

The CSS property to change the background color of an element to Hex 235D73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235D73 }
```

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

```
.background{ background-color:#235D73 }
```

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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