

Converting Colors

Hex(236A73)

Have a look what the booklet for
Hex(236A73) contains.

Hex(236A73)	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(236A73)

Conversions

Conversions Part 1

Format	Color
Hex	236A73
RGB	35, 106, 115
RGB Percent	14%, 42%, 45%
CMY	0.8627, 0.5843, 0.5490
CMYK	0.70, 0.08, 0.00, 0.55
HSL	187°, 53%, 29%
HSV	187°, 70%, 45%
XYZ	8.9417, 11.9032, 18.0459
YIQ	85.7970, -45.2050, -12.2530

Conversions

Conversions Part 2

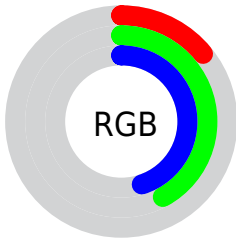
Format	Color
RYB	35, 73, 115
Decimal	2321011
CIELab	41.06, -18.55, -11.48
CIElCh	41, 21.816, 211.741
Yxy	11.9032, 0.2299, 0.3061
Android (android.graphics.Color)	4280511091 (0xFF236A73)
YUV	85.7970, 14.3971, -44.5490
Hunter-Lab	34.5010, -14.1146, -6.8612

Details

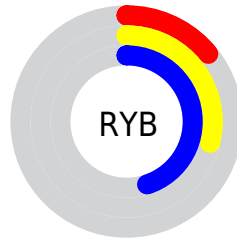
The Hex color **236A73** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **732C23**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5B9EA7**, and **003A43** is the 20% darker color. If you saturate the color by 10%, you get **186973**, and if you desaturate by 10%, it is **2F6B73**.

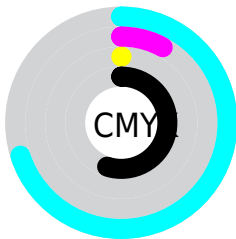
Distribution



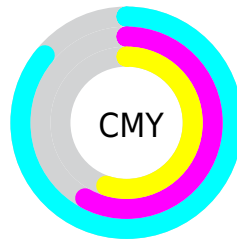
- Red (14%)
- Green (42%)
- Blue (45%)



- Red (14%)
- Yellow (29%)
- Blue (45%)



- Cyan (70%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (86%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 236A73 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 236A73 by changing the saturation by 10% instead.

 236A73

 236A73

FFFFFF

 00525A


 5B9EA7

 003A43

 76B9C2

 00242D

 92D4DE

 000919

 AEF1FB

 000000

 CAFFFF

 E7FFFF

 236A73

 236A73

 186973

 2F6B73

■ 0C6773

■ 3A6D73

■ 016673

■ 466E73

■ 006673

■ 516F73

■ 5D7073

■ 687273

■ 747373

■ 7F7473

■ 8B7673

Harmonies

Analogous

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



2F6B61



236A73



306780

Triad

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



236A73



785672



6C603D

Complementary

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



236A73



732C23

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.



7B5A42



236A73



835360

Square

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



236A73



655C7F



83554F



596542

Rectangle

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



236A73



416484



83554F



725E3D

Sweetspot

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



236A73



779396



23732B



394A4D



CCCCCC



4D4D4D

Same Dimension

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



236A73



1A8896



234373



353A3B



006D7A



00DEFA

Inverse Universe

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



73236A



961A88



735323



3B353A



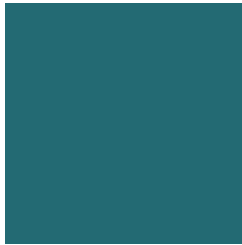
7A006D



FA00DE

Previews

White Background



This preview shows how the Hex color 236A73 looks on a white background.

Color Contrast Check

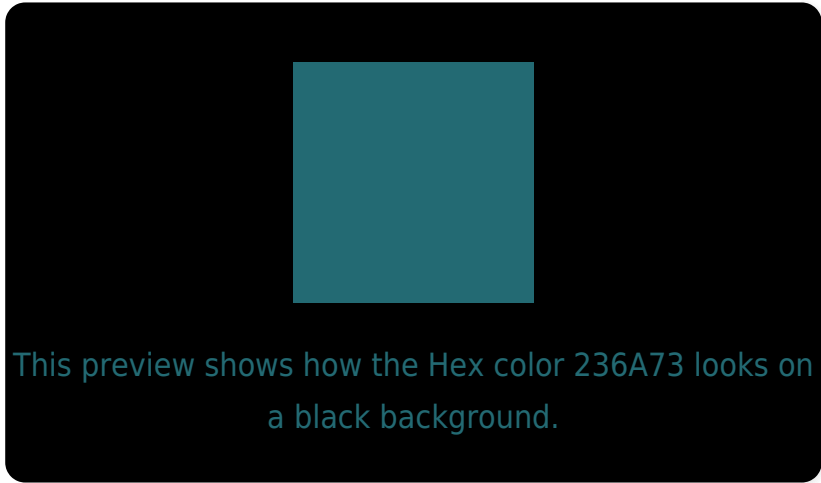
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

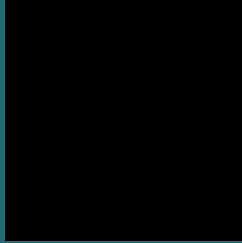
Any Text WCAG AA × Fail

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 236A73 Background



This preview shows how black text looks on a background with the Hex color 236A73.

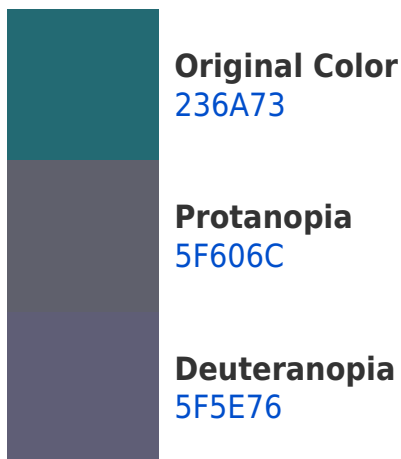



This preview shows how white text looks on a background with the Hex color 236A73.

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](#).

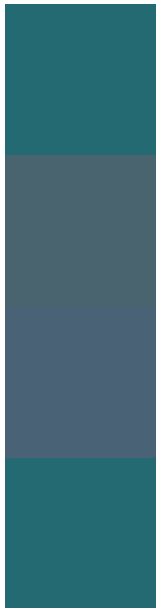
Dichromacy





Tritanopia
236A73

Trichromacy



Original Color
236A73

Protanomaly
49646F

Deuteranomaly
496275

Tritanomaly
236A73

Monochromacy



Original Color
236A73

Achromatopsia
565656

Achromatomaly
435D61

CSS Examples

Text

The CSS property to change the color of the text to Hex 236A73 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 #236A73 looks like.

```
.text, #text, p{  
    color:#236A73  
}
```

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 #236A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #236A73
}
```

Border

The CSS property to change the border of an element to Hex 236A73 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
#236A73 }
```

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

```
.border{ border-color:#236A73 }
```

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

Here you see how a box with a 4 pixel #236A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #236A73; -webkit-box-shadow:4px 4px  
4px 4px #236A73; box-shadow:4px 4px 4px  
4px #236A73 }
```

Background

The CSS property to change the background color of an element to Hex 236A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#236A73 }
```

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

```
.background{ background-color:#236A73 }
```

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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