

Converting Colors

Hex(25636E)

Have a look what the booklet for
Hex(25636E) contains.

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Color

Hex(25636E)

Conversions

Conversions Part 1

Format	Color
Hex	25636E
RGB	37, 99, 110
RGB Percent	15%, 39%, 43%
CMY	0.8549, 0.6118, 0.5686
CMYK	0.66, 0.10, 0.00, 0.57
HSL	189°, 50%, 29%
HSV	189°, 66%, 43%
XYZ	8.0393, 10.4428, 16.3438
YIQ	81.7160, -40.4830, -9.7230

Conversions

Conversions Part 2

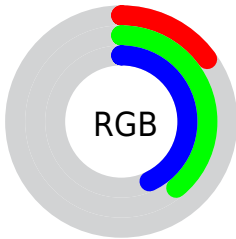
Format	Color
RYB	37, 71, 110
Decimal	2450286
CIELab	38.63, -15.97, -12.11
CIElCh	39, 20.045, 217.160
Yxy	10.4428, 0.2308, 0.2999
Android (android.graphics.Color)	4280640366 (0xFF25636E)
YUV	81.7160, 13.9440, -39.2159
Hunter-Lab	32.3153, -12.1453, -7.3658




Details

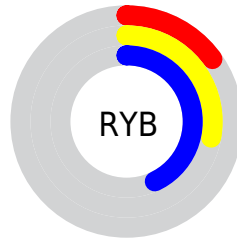
The Hex color **25636E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E3025**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **5B96A2**, and **00343E** is the 20% darker color. If you saturate the color by 10%, you get **1A616E**, and if you desaturate by 10%, it is **30656E**.

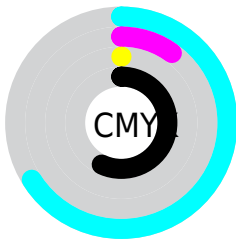
Distribution







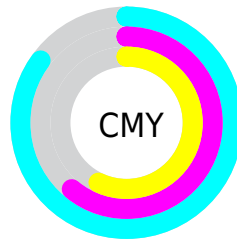
-  Red (15%)
-  Green (39%)
-  Blue (43%)






-  Red (15%)
-  Yellow (28%)
-  Blue (43%)



-  Cyan (66%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (85%)
-  Magenta (61%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25636E 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 25636E by changing the saturation by 10% instead.

■ 25636E

■ 25636E

FFFFFF

■ 004B56

■ 5B96A2

■ 00343E

■ 76B1BD

■ 001F29

■ 91CCD8

■ 000114

■ ADE8F5

■ 000000

■ C9FFFF

■ E6FFFF

■ 25636E

■ 25636E

■ 1A616E

■ 30656E

0F606E

3B666E

045E6E

46686E

005D6E

516A6E

5C6B6E

676D6E

726F6E

7D706E

88726E

Harmonies

Analogous

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



2C645E



25636E



336078

Triad

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



25636E



735068



625B3B

Complementary

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



25636E



6E3025

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.



71563D



25636E



7B4F58

Square

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



25636E



625575



7A5148



516041

Rectangle

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



25636E



435D7B



7A5148



68593A

Sweetspot

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



25636E



728A8F



256E30



364547



C7C7C7



474747

Same Dimension

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



25636E



1D7E8F



253F6E



323738



006678



00D2F7

Inverse Universe

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



6E2563



8F1D7E



6E5425



383237



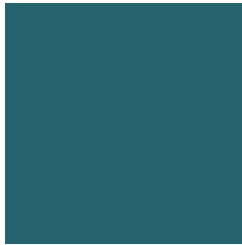
780066



F700D2

Previews

White Background



This preview shows how the Hex color 25636E looks on a white background.

Color Contrast Check

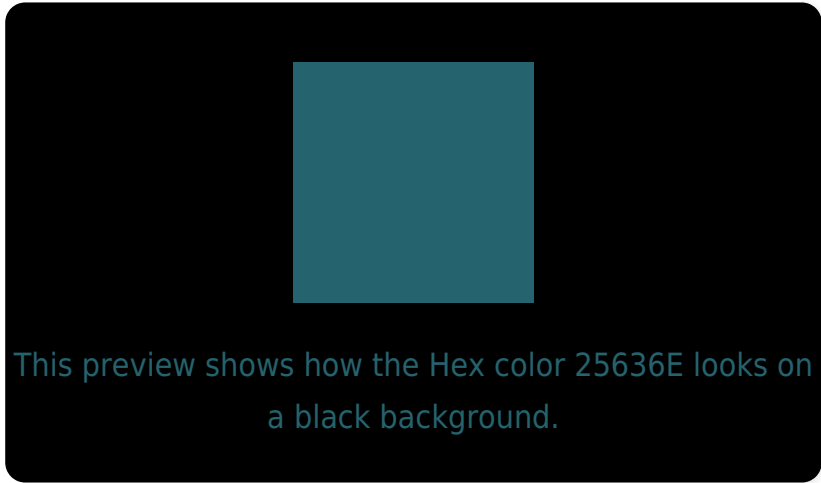
Large Text (above 18pt) WCAG AA ✓ Pass

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

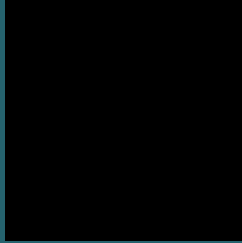
Any Text WCAG AA × Fail

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 25636E Background



This preview shows how black text looks on a background with the Hex color 25636E.

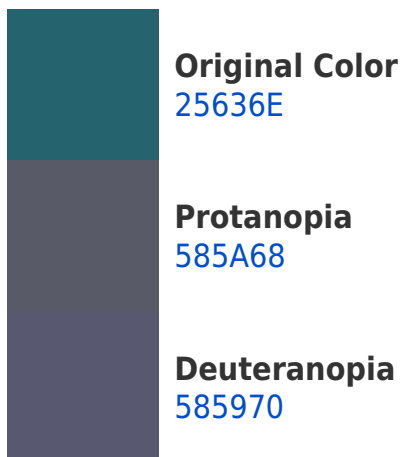


This preview shows how white text looks on a background with the Hex color 25636E.

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
24636B

Trichromacy



Original Color
25636E

Protanomaly
455D6A

Deuteranomaly
455D6F

Tritanomaly
24636C

Monochromacy



Original Color
25636E

Achromatopsia
525252

Achromatomaly
42585C

CSS Examples

Text

The CSS property to change the color of the text to Hex 25636E 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 #25636E looks like.

```
.text, #text, p{  
    color:#25636E  
}
```

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 #25636E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25636E
}
```

Border

The CSS property to change the border of an element to Hex 25636E 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
#25636E }
```

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

```
.border{ border-color:#25636E }
```

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

Here you see how a box with a 4 pixel #25636E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25636E; -webkit-box-shadow:4px 4px  
4px 4px #25636E; box-shadow:4px 4px 4px  
4px #25636E }
```

Background

The CSS property to change the background color of an element to Hex 25636E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25636E }
```

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

```
.background{ background-color:#25636E }
```

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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