

Converting Colors

Hex(25636A)

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

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Color

Hex(25636A)

Conversions

Conversions Part 1

Format	Color
Hex	25636A
RGB	37, 99, 106
RGB Percent	15%, 39%, 42%
CMY	0.8549, 0.6118, 0.5843
CMYK	0.65, 0.07, 0.00, 0.58
HSL	186°, 48%, 28%
HSV	186°, 65%, 42%
XYZ	7.8263, 10.3576, 15.2224
YIQ	81.2600, -39.1990, -10.9670

Conversions

Conversions Part 2

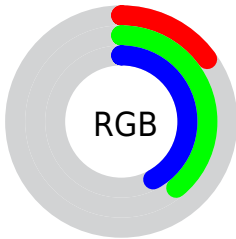
Format	Color
RYB	37, 70, 106
Decimal	2450282
CIELab	38.48, -17.29, -9.88
CIELCh	38, 19.910, 209.738
Yxy	10.3576, 0.2343, 0.3100
Android (android.graphics.Color)	4280640362 (0xFF25636A)
YUV	81.2600, 12.1968, -38.8160
Hunter-Lab	32.1832, -12.9131, -5.5154

Details

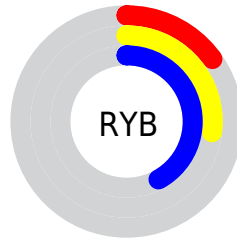
The Hex color **25636A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A2C25**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5B969D**, and **00343B** is the 20% darker color. If you saturate the color by 10%, you get **1A626A**, and if you desaturate by 10%, it is **30646A**.

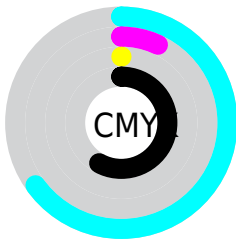
Distribution



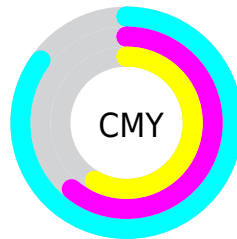
- Red (15%)
- Green (39%)
- Blue (42%)



- Red (15%)
- Yellow (27%)
- Blue (42%)



- Cyan (65%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (85%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

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

 25636A

 25636A

FFFFFF

 004B52

 5B969D

 00343B

 75B1B8

 001F25

 90CCD4

 000110

 ACE9F0

 000000

 C8FFFF

 E5FFFF

 25636A

 25636A

 1A626A

 30646A

■ 10616A

■ 3A656A

■ 05606A

■ 45666A

■ 005F6A

■ 4F676A

■ 5A686A

■ 65696A

■ 6F6B6A

■ 7A6C6A

■ 846D6A

Harmonies

Analogous

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



30635A



25636A



2E6176

Triad

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



25636A



6F516B



665A3A

Complementary

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



25636A



6A2C25

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.



73543F



25636A



794F5B

Square

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



25636A



5D5677



7A504B



555E3E

Rectangle

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



25636A



3D5E7A



7A504B



6B583B

Sweetspot

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



25636A



6E878A



256A2C



344345



C4C4C4



454545

Same Dimension

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



25636A



1E7F8A



25416A



303536



006975



00DCF5

Inverse Universe

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



6A2563



8A1E7F



6A4E25



363035



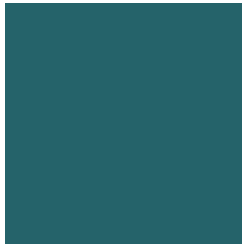
750069



F500DC

Previews

White Background



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

Color Contrast Check

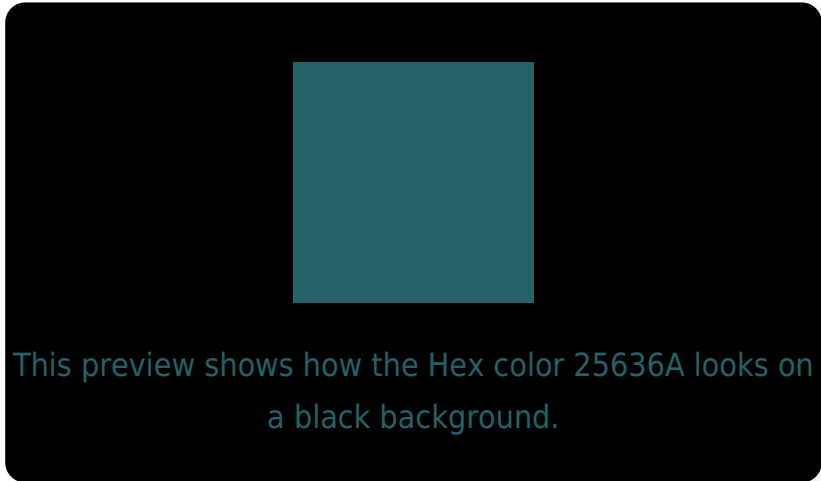
Large Text (above 18pt) WCAG AA ✓ Pass

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

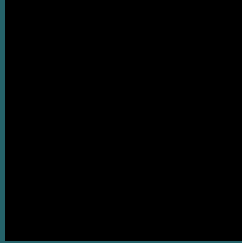
Any Text WCAG AA × Fail

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 25636A Background



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

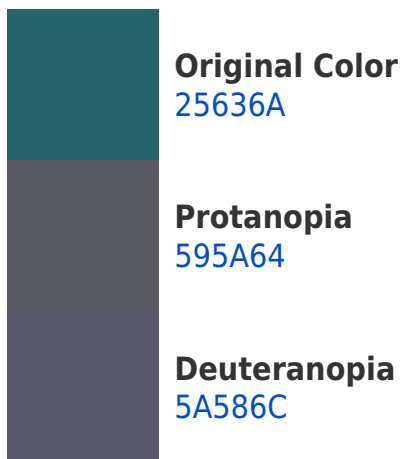


This preview shows how white text looks on a background with the Hex color 25636A.

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](#).

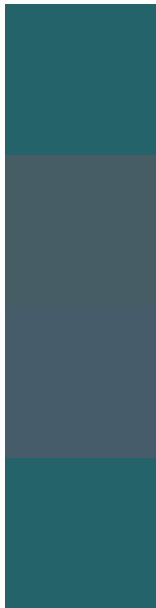
Dichromacy





Tritanopia
25636B

Trichromacy



Original Color
25636A

Protanomaly
465D66

Deuteranomaly
475C6B

Tritanomaly
25636B

Monochromacy



Original Color
25636A

Achromatopsia
515151

Achromatomaly
41585A

CSS Examples

Text

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

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

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 #25636A colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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