

Converting Colors

Hex(2D636D)

Have a look what the booklet for
Hex(2D636D) contains.

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Color

Hex(2D636D)

Conversions

Conversions Part 1

Format	Color
Hex	2D636D
RGB	45, 99, 109
RGB Percent	18%, 39%, 43%
CMY	0.8235, 0.6118, 0.5725
CMYK	0.59, 0.09, 0.00, 0.57
HSL	189°, 42%, 30%
HSV	189°, 59%, 43%
XYZ	8.3043, 10.5857, 16.0736
YIQ	83.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

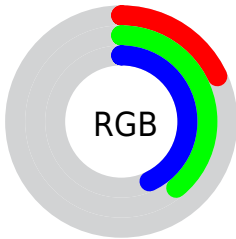
Format	Color
RYB	45, 74, 109
Decimal	2974573
CIELab	38.87, -14.66, -11.09
CIElCh	39, 18.381, 217.115
Yxy	10.5857, 0.2375, 0.3028
Android (android.graphics.Color)	4281164653 (0xFF2D636D)
YUV	83.9940, 12.3280, -34.1977
Hunter-Lab	32.5357, -11.3774, -6.5160




Details

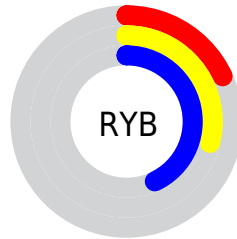
The Hex color **2D636D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D372D**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **6196A0**, and **00343E** is the 20% darker color. If you saturate the color by 10%, you get **22616D**, and if you desaturate by 10%, it is **38656D**.

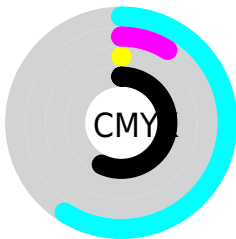
Distribution







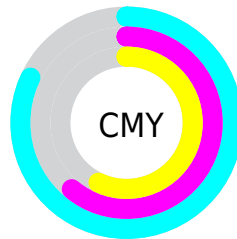
-  Red (18%)
-  Green (39%)
-  Blue (43%)






-  Red (18%)
-  Yellow (29%)
-  Blue (43%)



-  Cyan (59%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (82%)
-  Magenta (61%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D636D 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 2D636D by changing the saturation by 10% instead.

■ 2D636D

■ 2D636D

FFFFFF

■ 0F4B55

■ 6196A0

■ 00343E

■ 7CB1BB

■ 001F28

■ 97CCD7

■ 000114

■ B2E8F4

■ 000000

■ CEFFFF

■ EBFFFF

■ 2D636D

■ 2D636D

■ 22616D

■ 38656D

■ 17606D

■ 43666D

■ 0C5E6D

■ 4E686D

■ 015C6D

■ 596A6D

■ 005C6D

■ 636C6D

■ 6E6D6D

■ 796F6D

■ 84716D

■ 8F726D

Harmonies

Analogous

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



32645F



2D636D



396077

Triad

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



2D636D



725267



635C3E

Complementary

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



2D636D



6D372D

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.



705740



2D636D



795058

Square

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



2D636D



625673



78524A



526043

Rectangle

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



2D636D



465D79



78524A



685A3E

Sweetspot

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



2D636D



758B8F



2D6D37



384547



C7C7C7



474747

Same Dimension

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



2D636D



2B7F8F



2D436D



303536



006375



00CFF5

Inverse Universe

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



6D2D63



8F2B7F



6D572D



363035



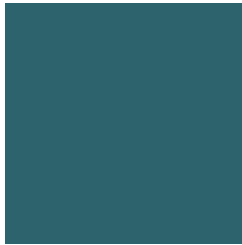
750063



F500CF

Previews

White Background



This preview shows how the Hex color 2D636D looks on a white background.

Color Contrast Check

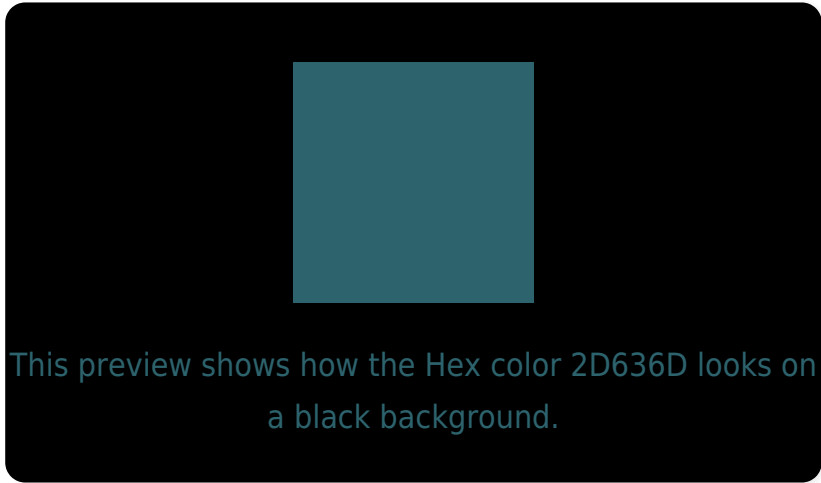
Large Text (above 18pt) WCAG AA ✓ Pass

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

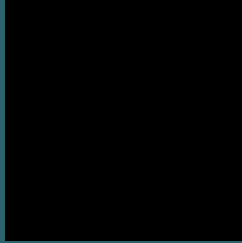
Any Text WCAG AA × Fail

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 2D636D Background



This preview shows how black text looks on a background with the Hex color 2D636D.

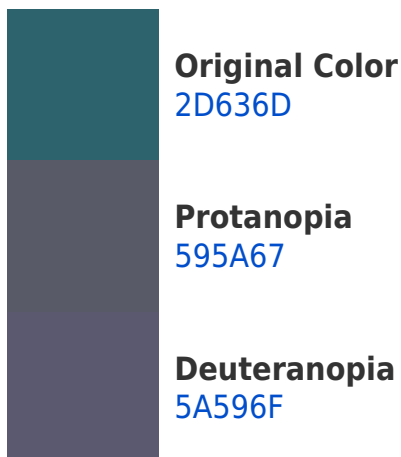



This preview shows how white text looks on a background with the Hex color 2D636D.

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
2C636B

Trichromacy



Original Color
2D636D

Protanomaly
495D69

Deuteranomaly
4A5D6E

Tritanomaly
2C636C

Monochromacy



Original Color
2D636D

Achromatopsia
545454

Achromatomaly
46595D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D636D 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 #2D636D looks like.

```
.text, #text, p{  
    color:#2D636D  
}
```

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 #2D636D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D636D
}
```

Border

The CSS property to change the border of an element to Hex 2D636D 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
#2D636D }
```

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

```
.border{ border-color:#2D636D }
```

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

Here you see how a box with a 4 pixel #2D636D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D636D; -webkit-box-shadow:4px 4px  
4px 4px #2D636D; box-shadow:4px 4px 4px  
4px #2D636D }
```

Background

The CSS property to change the background color of an element to Hex 2D636D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D636D }
```

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

```
.background{ background-color:#2D636D }
```

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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