

Converting Colors

Hex(2E686C)

Have a look what the booklet for
Hex(2E686C) contains.

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Color

Hex(2E686C)

Conversions

Conversions Part 1

Format	Color
Hex	2E686C
RGB	46, 104, 108
RGB Percent	18%, 41%, 42%
CMY	0.8196, 0.5922, 0.5765
CMYK	0.57, 0.04, 0.00, 0.58
HSL	184°, 40%, 30%
HSV	184°, 57%, 42%
XYZ	8.7838, 11.5642, 15.9565
YIQ	87.1140, -35.8520, -11.0520

Conversions

Conversions Part 2

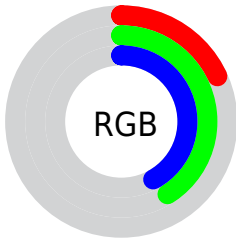
Format	Color
RYB	46, 76, 108
Decimal	3041388
CIELab	40.51, -17.54, -8.00
CIELCh	41, 19.282, 204.528
Yxy	11.5642, 0.2419, 0.3185
Android (android.graphics.Color)	4281231468 (0xFF2E686C)
YUV	87.1140, 10.2968, -36.0570
Hunter-Lab	34.0061, -13.4041, -4.0160

Details

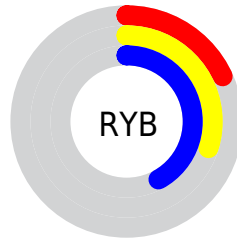
The Hex color **2E686C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C322E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **629B9F**, and **00393D** is the 20% darker color. If you saturate the color by 10%, you get **23676C**, and if you desaturate by 10%, it is **39696C**.

Distribution



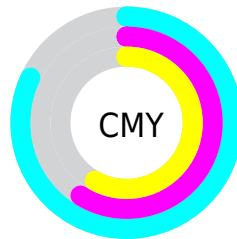
- Red (18%)
- Green (41%)
- Blue (42%)



- Red (18%)
- Yellow (30%)
- Blue (42%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E686C 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 2E686C by changing the saturation by 10% instead.



2E686C



2E686C

FFFFFF



105054



629B9F



00393D



7DB6BA



002327



98D2D6



000413



B4EEF2



000000



D0FFFF



EDFFFF



2E686C



2E686C



23676C



39696C

■ 18676C

■ 44696C

■ 0E666C

■ 4E6A6C

■ 03656C

■ 596B6C

■ 00656C

■ 646B6C

■ 6F6C6C

■ 7A6D6C

■ 846E6C

■ 8F6E6C

Harmonies

Analogous

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



39685C



2E686C



336679

Triad

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



2E686C



715772



6D5E40

Complementary

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



2E686C



6C322E

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.



795846



2E686C



7C5463

Square

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



2E686C



5E5C7C



7F5553



5D6343

Rectangle

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



2E686C



3F637D



7F5553



725C41

Sweetspot

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



2E686C



748B8C



2E6C31



394647



C7C7C7



474747

Same Dimension

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



2E686C



2B868C



2E4A6C



303536



006E75



00E5F5

Inverse Universe

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



6C2E68



8C2B86



6C502E



363035



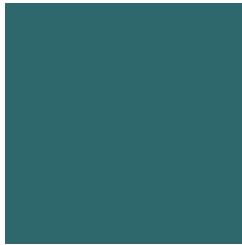
75006E



F500E5

Previews

White Background



This preview shows how the Hex color 2E686C looks on a white background.

Color Contrast Check

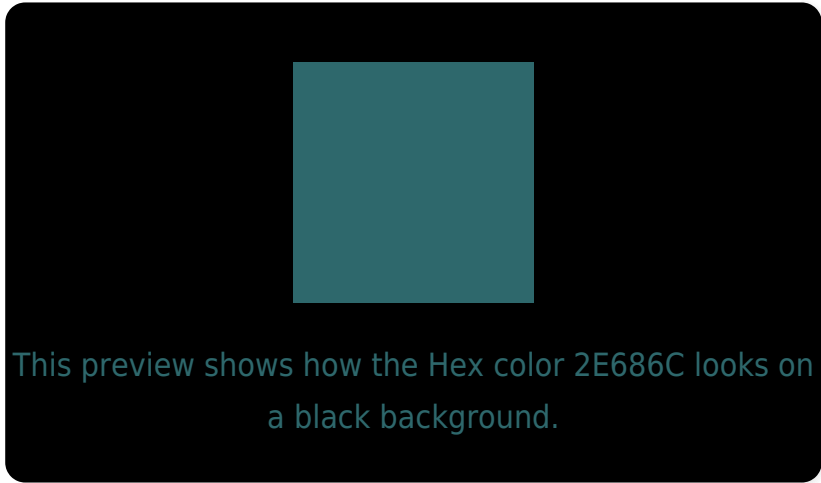
Large Text (above 18pt) WCAG AA ✓ Pass

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

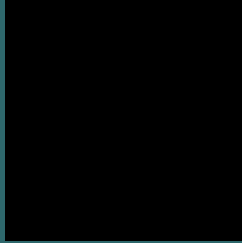
Any Text WCAG AA × Fail

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 2E686C Background



This preview shows how black text looks on a background with the Hex color 2E686C.

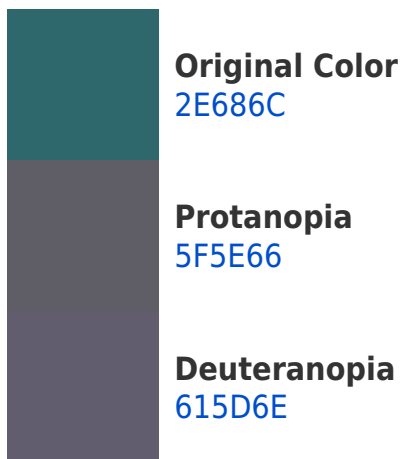


This preview shows how white text looks on a background with the Hex color 2E686C.

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](#).

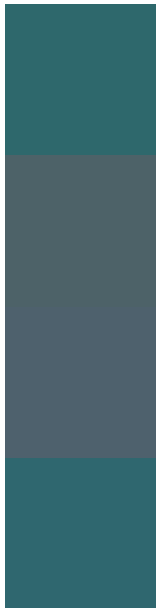
Dichromacy





Tritanopia
306770

Trichromacy



Original Color
2E686C

Protanomaly
4D6268

Deuteranomaly
4E616D

Tritanomaly
2F676F

Monochromacy



Original Color
2E686C

Achromatopsia
575757

Achromatomaly
485D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E686C 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 #2E686C looks like.

```
.text, #text, p{  
    color:#2E686C  
}
```

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 #2E686C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E686C
}
```

Border

The CSS property to change the border of an element to Hex 2E686C 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
#2E686C }
```

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

```
.border{ border-color:#2E686C }
```

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

Here you see how a box with a 4 pixel #2E686C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E686C; -webkit-box-shadow:4px 4px  
4px 4px #2E686C; box-shadow:4px 4px 4px  
4px #2E686C }
```

Background

The CSS property to change the background color of an element to Hex 2E686C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E686C }
```

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

```
.background{ background-color:#2E686C }
```

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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