

Converting Colors

Hex(30656E)

Have a look what the booklet for
Hex(30656E) contains.

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Color

Hex(30656E)

Conversions

Conversions Part 1

Format	Color
Hex	30656E
RGB	48, 101, 110
RGB Percent	19%, 40%, 43%
CMY	0.8118, 0.6039, 0.5686
CMYK	0.56, 0.08, 0.00, 0.57
HSL	189°, 39%, 31%
HSV	189°, 56%, 43%
XYZ	8.6871, 11.0615, 16.4291
YIQ	86.1790, -34.4770, -8.4370

Conversions

Conversions Part 2

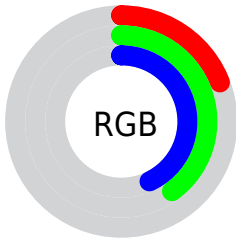
Format	Color
RYB	48, 77, 110
Decimal	3171694
CIELab	39.68, -14.79, -10.47
CIELCh	40, 18.122, 215.286
Yxy	11.0615, 0.2401, 0.3058
Android (android.graphics.Color)	4281361774 (0xFF30656E)
YUV	86.1790, 11.7438, -33.4830
Hunter-Lab	33.2589, -11.5796, -6.0066




Details

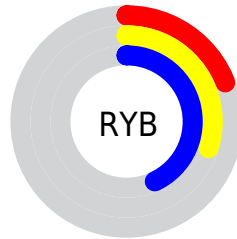
The Hex color **30656E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E3930**, and the grayscale version is **565656**.



A 20% lighter version of the original color is **6498A2**, and **00363E** is the 20% darker color. If you saturate the color by 10%, you get **25636E**, and if you desaturate by 10%, it is **3B676E**.

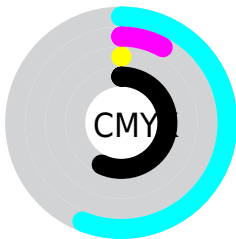
Distribution







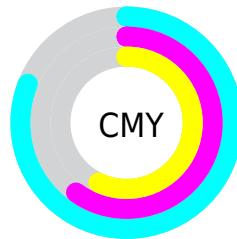
-  Red (19%)
-  Green (40%)
-  Blue (43%)






-  Red (19%)
-  Yellow (30%)
-  Blue (43%)



-  Cyan (56%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (81%)
-  Magenta (60%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30656E 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 30656E by changing the saturation by 10% instead.



30656E



30656E

FFFFFF



134D56



6498A2



00363E



7EB3BD



002129



99CED8



000115



B5EBF5



000000



D1FFFF



EEFFFF



30656E



30656E



25636E



3B676E

■ 1A626E

■ 46686E

■ 0F606E

■ 516A6E

■ 045F6E

■ 5C6B6E

■ 005E6E

■ 676D6E

■ 726F6E

■ 7D706E

■ 88726E

■ 93736E

Harmonies

Analogous

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



356660



30656E



3A6278

Triad

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



30656E



73546A



655D40

Complementary

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



30656E



6E3930

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.



725843



30656E



7B535B

Square

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



30656E



635976



7A544D



556245

Rectangle

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



30656E



47607B



7A544D



6A5C40

Sweetspot

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



30656E



778B8F



306E38



394547



C7C7C7



474747

Same Dimension

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



30656E



2E818F



30476E



323738



006678



00D3F7

Inverse Universe

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



6E3065



8F2E81



6E5730



383237



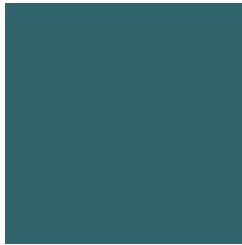
780066



F700D3

Previews

White Background



This preview shows how the Hex color 30656E looks on a white background.

Color Contrast Check

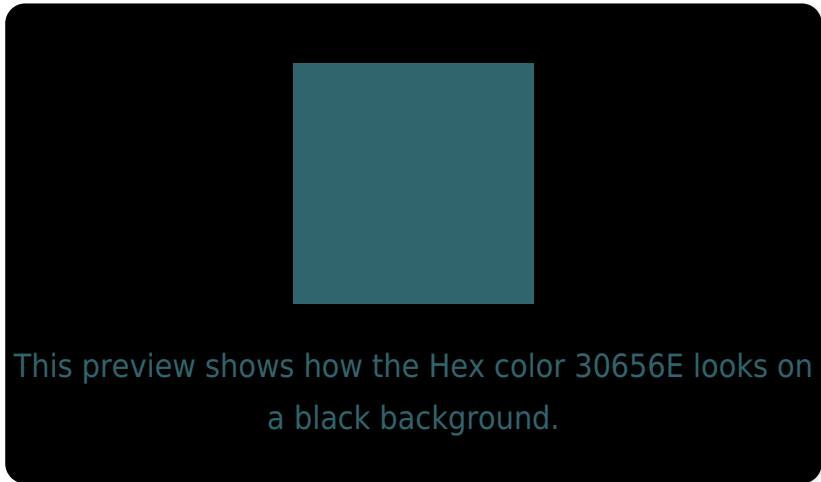
Large Text (above 18pt) WCAG AA ✓ Pass

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

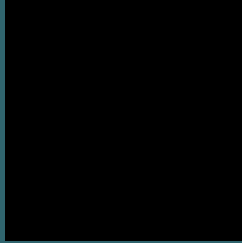
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

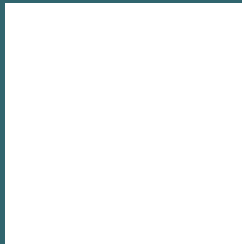
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 30656E Background



This preview shows how black text looks on a background with the Hex color 30656E.

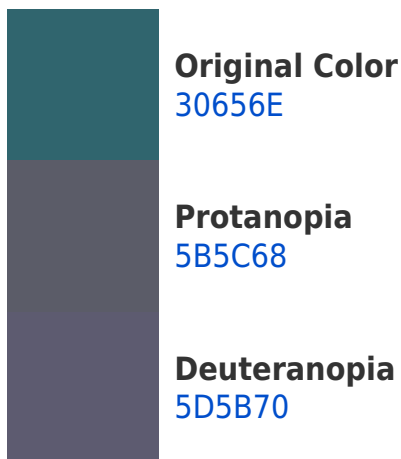


This preview shows how white text looks on a background with the Hex color 30656E.

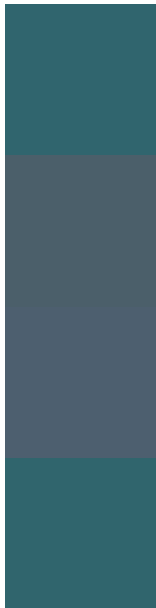
Color Blindness Simulation

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



Trichromacy



Original Color
30656E

Protanomaly
4B5F6A

Deuteranomaly
4D5F6F

Tritanomaly
30656D

Monochromacy



Original Color
30656E

Achromatopsia
565656

Achromatomaly
485B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 30656E 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 #30656E looks like.

```
.text, #text, p{  
    color:#30656E  
}
```

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 #30656E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30656E
}
```

Border

The CSS property to change the border of an element to Hex 30656E 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
#30656E }
```

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

```
.border{ border-color:#30656E }
```

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

Here you see how a box with a 4 pixel #30656E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30656E; -webkit-box-shadow:4px 4px  
4px 4px #30656E; box-shadow:4px 4px 4px  
4px #30656E }
```

Background

The CSS property to change the background color of an element to Hex 30656E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30656E }
```

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

```
.background{ background-color:#30656E }
```

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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