

Converting Colors

Hex(2B566C)

Have a look what the booklet for
Hex(2B566C) contains.

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Color

Hex(2B566C)

Conversions

Conversions Part 1

Format	Color
Hex	2B566C
RGB	43, 86, 108
RGB Percent	17%, 34%, 42%
CMY	0.8314, 0.6627, 0.5765
CMYK	0.60, 0.20, 0.00, 0.58
HSL	200°, 43%, 30%
HSV	200°, 60%, 42%
XYZ	7.0308, 8.2519, 15.4096
YIQ	75.6510, -32.6900, -2.2740

Conversions

Conversions Part 2

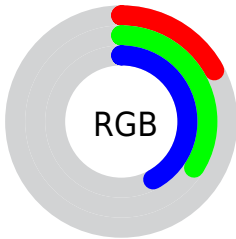
Format	Color
R_{YB}	43, 69, 108
Decimal	2840172
CIE _{Lab}	34.50, -7.79, -17.15
CIE _{LCh}	35, 18.839, 245.573
Yxy	8.2519, 0.2291, 0.2689
Android (android.graphics.Color)	4281030252 (0xFF2B566C)
YUV	75.6510, 15.9481, -28.6349
Hunter-Lab	28.7261, -6.5821, -11.6967

Details

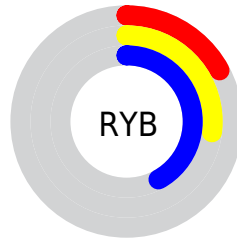
The Hex color **2B566C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C412B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5F88A0**, and **00293C** is the 20% darker color. If you saturate the color by 10%, you get **20526C**, and if you desaturate by 10%, it is **365A6C**.

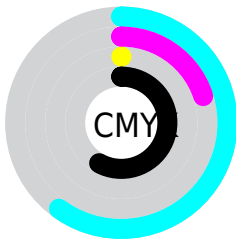
Distribution



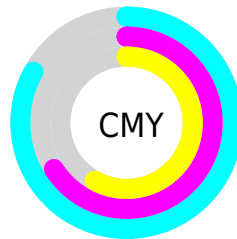
- Red (17%)
- Green (34%)
- Blue (42%)



- Red (17%)
- Yellow (27%)
- Blue (42%)



- Cyan (60%)
- Magenta (20%)
- Yellow (0%)
- Black (58%)



- Cyan (83%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B566C 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 2B566C by changing the saturation by 10% instead.

■ 2B566C

■ 2B566C

FFFFFF

■ 0E3F54

■ 5F88A0

■ 00293C

■ 79A2BB

■ 001527

■ 94BDD6

■ 000111

■ AFD9F3

■ 000000

■ CBF5FF

■ E8FFFF

■ 2B566C

■ 2B566C

■ 20526C

■ 365A6C

■ 154F6C

■ 415D6C

■ 0B4B6C

■ 4B616C

■ 00476C

■ 56656C

■ 61686C

■ 6C6C6C

■ 77706C

■ 81736C

■ 8C776C

Harmonies

Analogous

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



1F5962



2B566C



41526F

Triad

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



2B566C



6E464F



495538

Complementary

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



2B566C



6C412B

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.



595133



2B566C



6E4840

Square

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



2B566C



67485E



664C36



375844

Rectangle

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



2B566C



504E6C



664C36



4E5436

Sweetspot

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



2B566C



73848C



2B6C41



384247



C7C7C7



474747

Same Dimension

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



2B566C



276A8C



2B366C



303436



004E75



00A2F5

Inverse Universe

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



6C2B56



8C276A



6C612B



363034



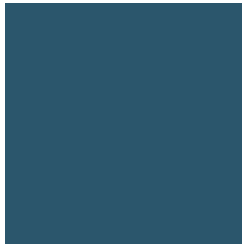
75004E



F500A2

Previews

White Background



This preview shows how the Hex color 2B566C looks on a white background.

Color Contrast Check

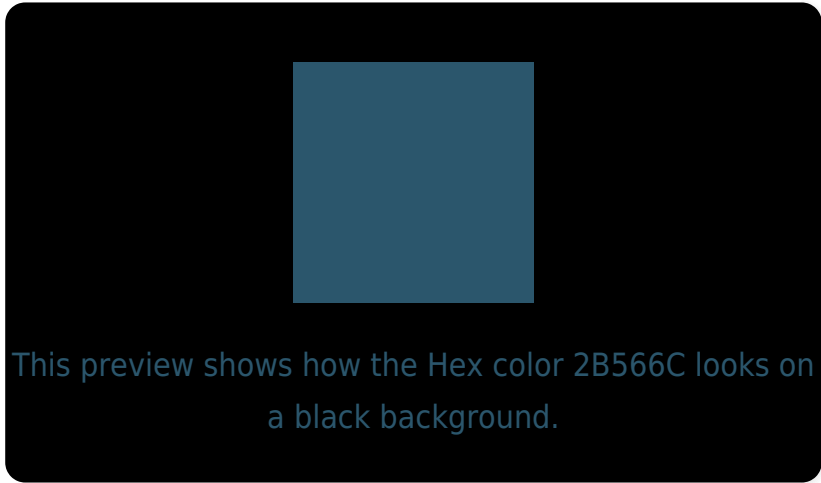
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

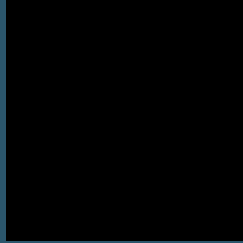
Any Text WCAG AA × Fail

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 2B566C Background



This preview shows how black text looks on a background with the Hex color 2B566C.

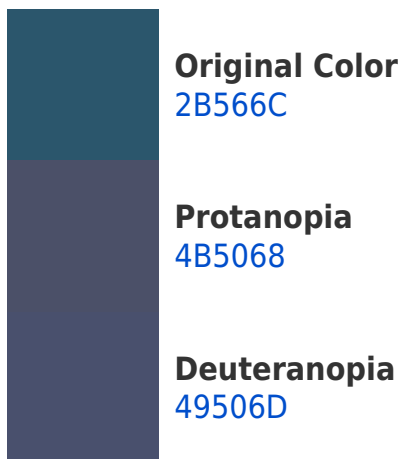


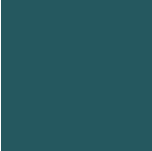
This preview shows how white text looks on a background with the Hex color 2B566C.

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](#).

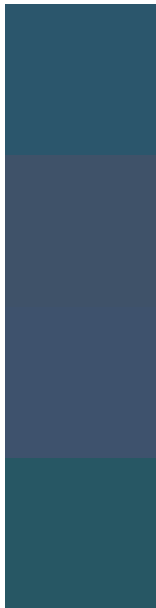
Dichromacy





Tritanopia
25585F

Trichromacy



Original Color
2B566C

Protanomaly
3F5269

Deuteranomaly
3E526D

Tritanomaly
275764

Monochromacy



Original Color
2B566C

Achromatopsia
4C4C4C

Achromatomaly
405058

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B566C 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 #2B566C looks like.

```
.text, #text, p{  
    color:#2B566C  
}
```

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 #2B566C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B566C  
}
```

Border

The CSS property to change the border of an element to Hex 2B566C 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  
#2B566C }
```

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

```
.border{ border-color:#2B566C }
```

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

Here you see how a box with a 4 pixel #2B566C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B566C; -webkit-box-shadow:4px 4px  
4px 4px #2B566C; box-shadow:4px 4px 4px  
4px #2B566C }
```

Background

The CSS property to change the background color of an element to Hex 2B566C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B566C }
```

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

```
.background{ background-color:#2B566C }
```

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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