

Converting Colors

Hex(2A566F)

Have a look what the booklet for
Hex(2A566F) contains.

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Color

Hex(2A566F)

Conversions

Conversions Part 1

Format	Color
Hex	2A566F
RGB	42, 86, 111
RGB Percent	16%, 34%, 44%
CMY	0.8353, 0.6627, 0.5647
CMYK	0.62, 0.23, 0.00, 0.56
HSL	202°, 45%, 30%
HSV	202°, 62%, 44%
XYZ	7.1519, 8.2955, 16.2632
YIQ	75.6940, -34.2490, -1.5530

Conversions

Conversions Part 2

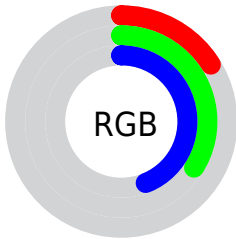
Format	Color
RYB	42, 69, 111
Decimal	2774639
CIELab	34.59, -6.98, -18.89
CIElCh	35, 20.137, 249.731
Yxy	8.2955, 0.2255, 0.2616
Android (android.graphics.Color)	4280964719 (0xFF2A566F)
YUV	75.6940, 17.4059, -29.5496
Hunter-Lab	28.8019, -6.0796, -13.3171

Details

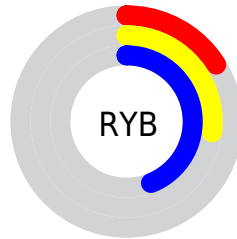
The Hex color **2A566F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6F432A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5E88A3**, and **00293F** is the 20% darker color. If you saturate the color by 10%, you get **1F526F**, and if you desaturate by 10%, it is **355A6F**.

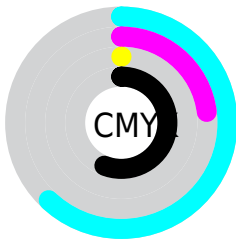
Distribution



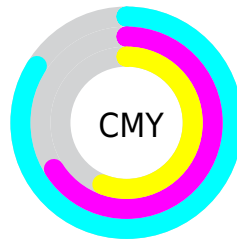
- Red (16%)
- Green (34%)
- Blue (44%)



- Red (16%)
- Yellow (27%)
- Blue (44%)



- Cyan (62%)
- Magenta (23%)
- Yellow (0%)
- Black (56%)



- Cyan (84%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A566F 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 2A566F by changing the saturation by 10% instead.

■ 2A566F

■ 2A566F

FFFFFF

■ 0B3F57

■ 5E88A3

■ 00293F

■ 79A2BE

■ 001529

■ 93BDDA

■ 000114

■ AFD9F6

■ 000000

■ CBF5FF

■ E8FFFF

■ 2A566F

■ 2A566F

■ 1F526F

■ 355A6F

■ 144E6F

■ 405E6F

■ 094A6F

■ 4B626F

■ 00476F

■ 56666F

■ 626A6F

■ 6D6E6F

■ 78726F

■ 83766F

■ 8E7A6F

Harmonies

Analogous

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



185965



2A566F



435171

Triad

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



2A566F



71454D



455638

Complementary

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



2A566F



6F432A

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.



575231



2A566F



6F483E

Square

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



2A566F



6A475D



664D34



325946

Rectangle

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



2A566F



534D6D



664D34



4C5535

Sweetspot

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



2A566F



768791



2A6F42



39444A



C9C9C9



4A4A4A

Same Dimension

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



2A566F



246A91



2A346F



323638



004C78



009EF7

Inverse Universe

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



6F2A56



91246A



6F652A



383236



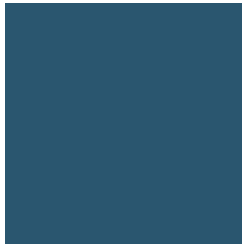
78004C



F7009E

Previews

White Background



This preview shows how the Hex color 2A566F looks on a white background.

Color Contrast Check

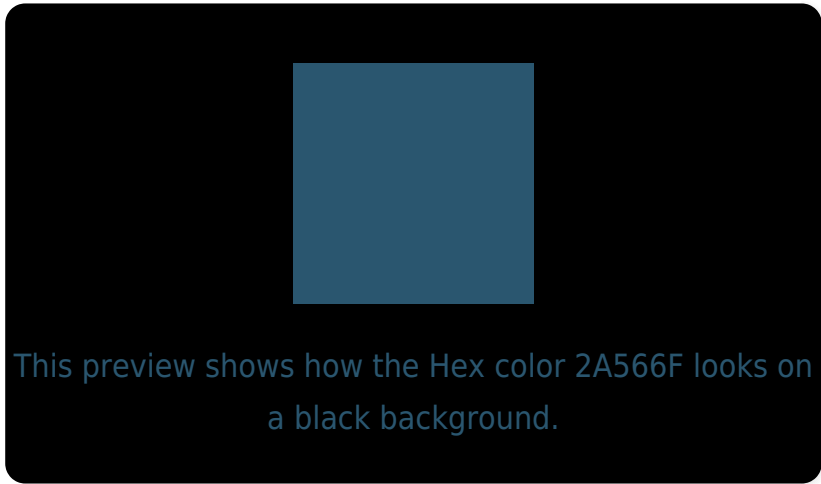
Large Text (above 18pt) WCAG AA ✓ Pass

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

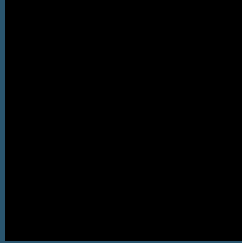
Any Text WCAG AA × Fail

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 2A566F Background



This preview shows how black text looks on a background with the Hex color 2A566F.

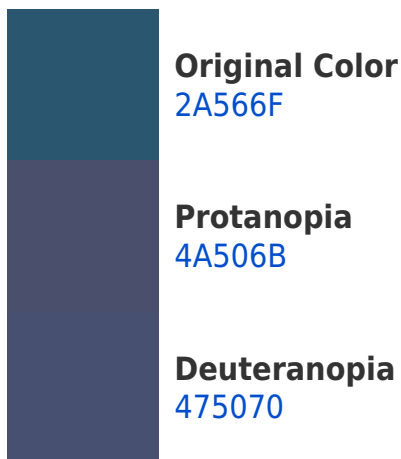



This preview shows how white text looks on a background with the Hex color 2A566F.

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](#).

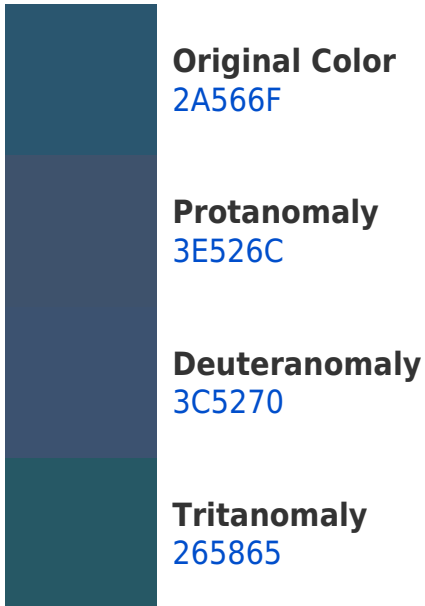
Dichromacy





Tritanopia
235960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A566F 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 #2A566F looks like.

```
.text, #text, p{  
    color:#2A566F  
}
```

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 #2A566F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A566F
}
```

Border

The CSS property to change the border of an element to Hex 2A566F 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
#2A566F }
```

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

```
.border{ border-color:#2A566F }
```

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

Here you see how a box with a 4 pixel #2A566F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A566F; -webkit-box-shadow:4px 4px  
4px 4px #2A566F; box-shadow:4px 4px 4px  
4px #2A566F }
```

Background

The CSS property to change the background color of an element to Hex 2A566F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A566F }
```

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

```
.background{ background-color:#2A566F }
```

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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