

Converting Colors

Hex(2F496D)

Have a look what the booklet for
Hex(2F496D) contains.

Hex(2F496D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2F496D)

Conversions

Conversions Part 1

Format	Color
Hex	2F496D
RGB	47, 73, 109
RGB Percent	18%, 29%, 43%
CMY	0.8157, 0.7137, 0.5725
CMYK	0.57, 0.33, 0.00, 0.57
HSL	215°, 40%, 31%
HSV	215°, 57%, 43%
XYZ	6.3152, 6.4736, 15.3847
YIQ	69.3300, -27.0520, 5.6840

Conversions

Conversions Part 2

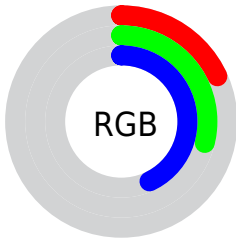
Format	Color
RYB	47, 65, 109
Decimal	3098989
CIELab	30.58, 1.75, -23.86
CIElCh	31, 23.928, 274.192
Yxy	6.4736, 0.2242, 0.2298
Android (android.graphics.Color)	4281289069 (0xFF2F496D)
YUV	69.3300, 19.5573, -19.5834
Hunter-Lab	25.4432, -0.2208, -18.0405




Details

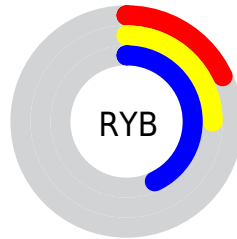
The Hex color **2F496D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6D532F**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **6279A1**, and **001E3D** is the 20% darker color. If you saturate the color by 10%, you get **24436D**, and if you desaturate by 10%, it is **3A4F6D**.

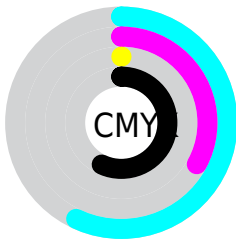
Distribution







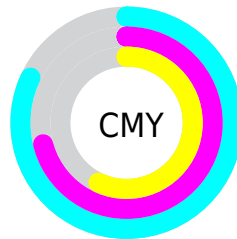
-  Red (18%)
-  Green (29%)
-  Blue (43%)






-  Red (18%)
-  Yellow (25%)
-  Blue (43%)



-  Cyan (57%)
-  Magenta (33%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (82%)
-  Magenta (71%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F496D 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 2F496D by changing the saturation by 10% instead.

■ 2F496D

■ 2F496D

FFFFFF

■ 143355

■ 6279A1

■ 001E3D

■ 7C93BC

■ 000327

■ 97AED8

■ 000111

■ B2C9F4

■ 000000

■ CEE5FF

■ EBFFFF

■ 2F496D

■ 2F496D

■ 24436D

■ 3A4F6D

■ 193C6D

■ 45566D

■ 0E366D

■ 505C6D

■ 03306D

■ 5B626D

■ 002E6D

■ 66696D

■ 706F6D

■ 7B756D

■ 867C6D

■ 91826D

Harmonies

Analogous

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



004E69



2F496D



4D4267

Triad

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



2F496D



6A3B34



265037

Complementary

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



2F496D



6D532F

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.



3D4D28



2F496D



614127

Square

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



2F496D



6B3946



514822



00524A

Rectangle

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



2F496D



5C3E5E



514822



2E4F31

Sweetspot

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



2F496D



77818F



2F6D52



393F47



C7C7C7



474747

Same Dimension

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



2F496D



2E568F



332F6D



303236



003175



0067F5

Inverse Universe

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



6D2F49



8F2E56



696D2F



363032



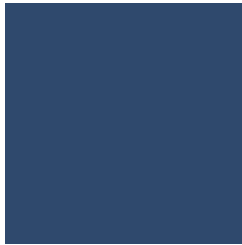
750031



F50067

Previews

White Background



This preview shows how the Hex color 2F496D looks on a white background.

Color Contrast Check

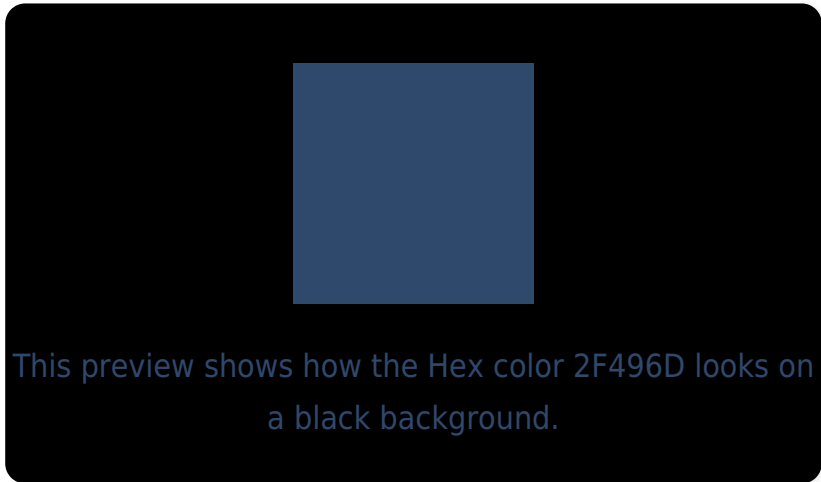
Large Text (above 18pt) WCAG AA ✓ Pass

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 2F496D Background



This preview shows how black text looks on a background with the Hex color 2F496D.



This preview shows how white text looks on a background with the Hex color 2F496D.

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](#).

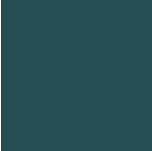
Dichromacy



Original Color
2F496D

Protanopia
3B476B

Deuteranopia
36486D



Tritanopia
254E54

Trichromacy



Original Color
2F496D

Protanomaly
37486C

Deuteranomaly
33486D

Tritanomaly
294C5D

Monochromacy



Original Color
2F496D

Achromatopsia
454545

Achromatomaly
3D4654

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F496D 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 #2F496D looks like.

```
.text, #text, p{  
    color:#2F496D  
}
```

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 #2F496D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F496D
}
```

Border

The CSS property to change the border of an element to Hex 2F496D 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
#2F496D }
```

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

```
.border{ border-color:#2F496D }
```

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

Here you see how a box with a 4 pixel #2F496D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F496D; -webkit-box-shadow:4px 4px  
4px 4px #2F496D; box-shadow:4px 4px 4px  
4px #2F496D }
```

Background

The CSS property to change the background color of an element to Hex 2F496D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F496D }
```

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

```
.background{ background-color:#2F496D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor