

Converting Colors

Hex(2D496E)

Have a look what the booklet for
Hex(2D496E) contains.

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Color

Hex(2D496E)

Conversions

Conversions Part 1

Format	Color
Hex	2D496E
RGB	45, 73, 110
RGB Percent	18%, 29%, 43%
CMY	0.8235, 0.7137, 0.5686
CMYK	0.59, 0.34, 0.00, 0.57
HSL	214°, 42%, 30%
HSV	214°, 59%, 43%
XYZ	6.2792, 6.4488, 15.6656
YIQ	68.8460, -28.5650, 5.5710

Conversions

Conversions Part 2

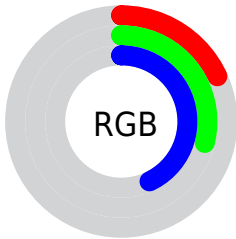
Format	Color
RYB	45, 65, 110
Decimal	2967918
CIELab	30.52, 1.62, -24.60
CIElCh	31, 24.650, 273.770
Yxy	6.4488, 0.2211, 0.2271
Android (android.graphics.Color)	4281157998 (0xFF2D496E)
YUV	68.8460, 20.2889, -20.9129
Hunter-Lab	25.3944, -0.3031, -18.7995

Details

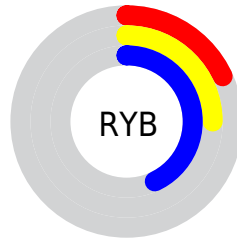
The Hex color **2D496E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6E522D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6079A2**, and **001E3E** is the 20% darker color. If you saturate the color by 10%, you get **22436E**, and if you desaturate by 10%, it is **384F6E**.

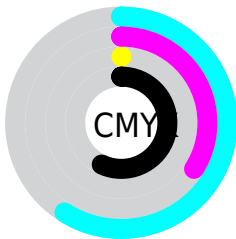
Distribution



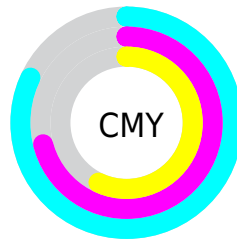
- Red (18%)
- Green (29%)
- Blue (43%)



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



- Cyan (59%)
- Magenta (34%)
- Yellow (0%)
- Black (57%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D496E 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 2D496E by changing the saturation by 10% instead.

■ 2D496E

■ 2D496E

FFFFFF

■ 113355

■ 6079A2

■ 001E3E

■ 7A93BD

■ 000328

■ 95AED9

■ 000112

■ B0C9F5

■ 000000

■ CCE5FF

■ E9FFFF

■ 2D496E

■ 2D496E

■ 22436E

■ 384F6E

■ 173C6E

■ 43566E

■ 0C366E

■ 4E5C6E

■ 01306E

■ 59626E

■ 002F6E

■ 64686E

■ 6F6F6E

■ 7A756E

■ 857B6E

■ 90816E

Harmonies

Analogous

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



004E6A



2D496E



4D4268

Triad

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



2D496E



6B3B34



255036

Complementary

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



2D496E



6E522D

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.



3D4D27



2D496E



614126

Square

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



2D496E



6C3846



514821



00524A

Rectangle

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



2D496E



5C3D5F



514821



2E4F30

Sweetspot

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



2D496E



75808F



2D6E52



383E47



C7C7C7



474747

Same Dimension

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



2D496E



29558F



312D6E



323538



003478



006BF7

Inverse Universe

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



6E2D49



8F2955



6A6E2D



383235



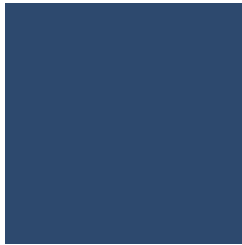
780034



F7006B

Previews

White Background



This preview shows how the Hex color 2D496E looks on a white background.

Color Contrast Check

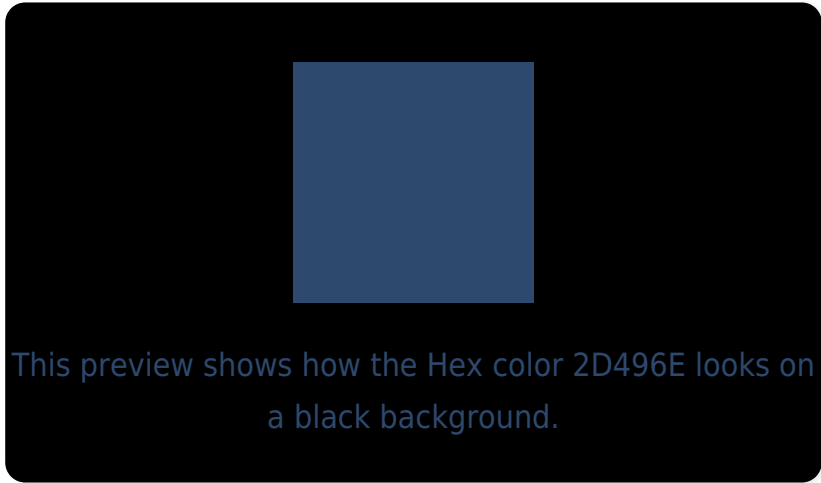
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D496E Background



This preview shows how black text looks on a background with the Hex color 2D496E.

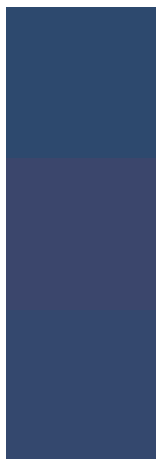


This preview shows how white text looks on a background with the Hex color 2D496E.

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
2D496E

Protanopia
3B466C

Deuteranopia
34486E



Tritanopia
224E54

Trichromacy



Original Color
2D496E

Protanomaly
36476D

Deuteranomaly
31486E

Tritanomaly
264C5D

Monochromacy



Original Color
2D496E

Achromatopsia
454545

Achromatomaly
3C4654

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D496E 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 #2D496E looks like.

```
.text, #text, p{  
    color:#2D496E  
}
```

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 #2D496E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D496E
}
```

Border

The CSS property to change the border of an element to Hex 2D496E is called "border". The border property can be set on classes, ids or directly on the HTML element.

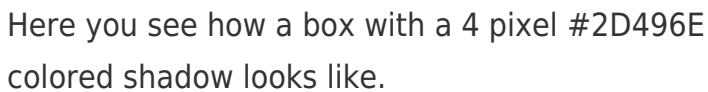
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D496E }
```

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

```
.border{ border-color:#2D496E }
```

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



Here you see how a box with a 4 pixel #2D496E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D496E; -webkit-box-shadow:4px 4px  
4px 4px #2D496E; box-shadow:4px 4px 4px  
4px #2D496E }
```

Background

The CSS property to change the background color of an element to Hex 2D496E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D496E }
```

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

```
.background{ background-color:#2D496E }
```

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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