

Converting Colors

Hex(2D495E)

Have a look what the booklet for
Hex(2D495E) contains.

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Color

Hex(2D495E)

Conversions

Conversions Part 1

Format	Color
Hex	2D495E
RGB	45, 73, 94
RGB Percent	18%, 29%, 37%
CMY	0.8235, 0.7137, 0.6314
CMYK	0.52, 0.22, 0.00, 0.63
HSL	206°, 35%, 27%
HSV	206°, 52%, 37%
XYZ	5.4851, 6.1311, 11.4840
YIQ	67.0220, -23.4290, 0.5950

Conversions

Conversions Part 2

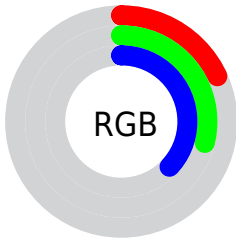
Format	Color
R_{YB}	45, 63, 94
Decimal	2967902
CIE Lab	29.74, -3.94, -15.63
CIE LCh	30, 16.120, 255.856
Yxy	6.1311, 0.2374, 0.2654
Android (android.graphics.Color)	4281157982 (0xFF2D495E)
YUV	67.0220, 13.3002, -19.3133
Hunter-Lab	24.7611, -3.7904, -10.1654




Details

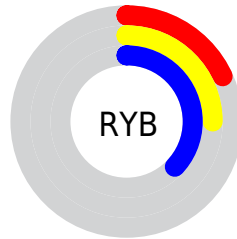
The Hex color **2D495E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5E422D**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **5E7990**, and **001E30** is the 20% darker color. If you saturate the color by 10%, you get **24455E**, and if you desaturate by 10%, it is **364D5E**.

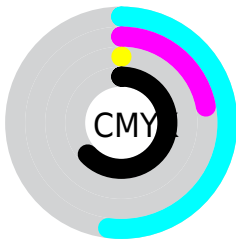
Distribution







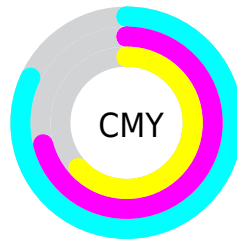
-  Red (18%)
-  Green (29%)
-  Blue (37%)






-  Red (18%)
-  Yellow (25%)
-  Blue (37%)



-  Cyan (52%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (82%)
-  Magenta (71%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D495E 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 2D495E by changing the saturation by 10% instead.

■ 2D495E

■ 2D495E

FFFFFF

■ 143346

■ 5E7990

■ 001E30

■ 7893AB

■ 00011B

■ 92AEC6

■ 000000

■ ADC9E2

■ C9E5FF

■ E5FFFF

■ 2D495E

■ 2D495E

■ 24455E

■ 364D5E

■ 1A415E

■ 40515E

■ 113D5E

■ 49555E

■ 07395E

■ 53595E

■ 00365E

■ 5C5D5E

■ 65615E

■ 6F655E

■ 78695E

■ 826D5E

Harmonies

Analogous

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



1F4C58



2D495E



40455E

Triad

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



2D495E



5F3D40



3A4B34

Complementary

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



2D495E



5E422D

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.



48472E



2D495E



5C3F35

Square

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



2D495E



5B3D4D



54432E



2B4D40

Rectangle

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



2D495E



4B425A



54432E



3F4A31

Sweetspot

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



2D495E



67727A



2D5E41



32383D



BDBDBD



3D3D3D

Same Dimension

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



2D495E



2D597A



2D315E



292C2E



003F6E



0088ED

Inverse Universe

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



5E2D49



7A2D59



5E5A2D



2E292C



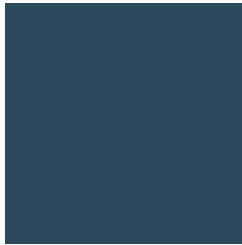
6E003F



ED0088

Previews

White Background



This preview shows how the Hex color 2D495E looks on a white background.

Color Contrast Check

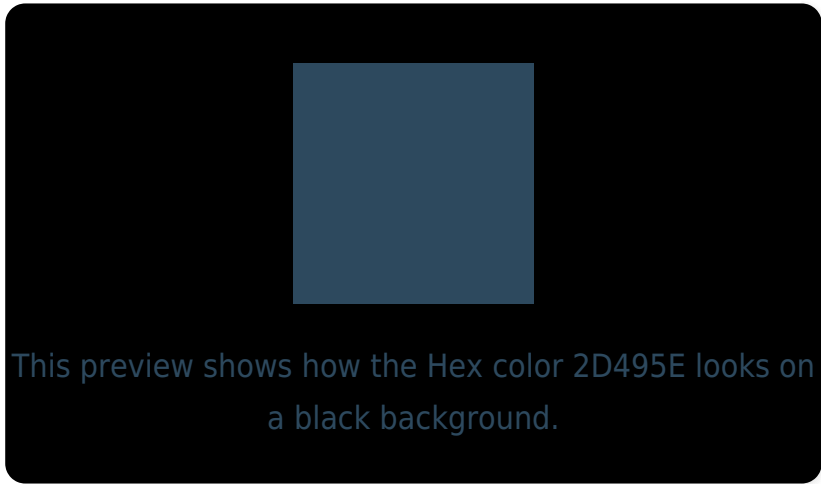
Large Text (above 18pt) WCAG AA ✓ Pass

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

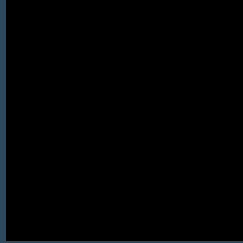
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

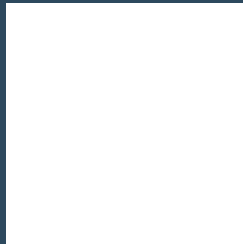
Any Text WCAG AAA × Fail

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

Hex 2D495E Background



This preview shows how black text looks on a background with the Hex color 2D495E.

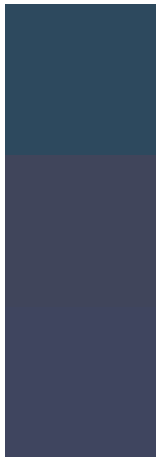


This preview shows how white text looks on a background with the Hex color 2D495E.

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
2D495E

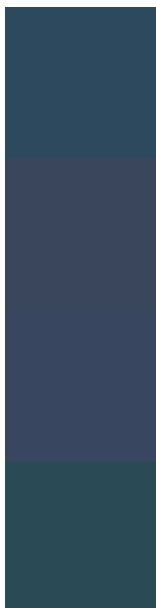
Protanopia
40455B

Deuteranopia
3F455F



Tritanopia
294B51

Trichromacy



Original Color

2D495E

Protanomaly

39465C

Deuteranomaly

38465F

Tritanomaly

2A4A56

Monochromacy



Original Color

2D495E

Achromatopsia

434343

Achromatomaly

3B454D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D495E 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 #2D495E looks like.

```
.text, #text, p{  
    color:#2D495E  
}
```

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 #2D495E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D495E
}
```

Border

The CSS property to change the border of an element to Hex 2D495E is called "border". The border property can be set on classes, ids or directly on the HTML element.

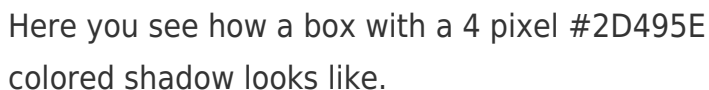
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D495E }
```

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

```
.border{ border-color:#2D495E }
```

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



Here you see how a box with a 4 pixel #2D495E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D495E; -webkit-box-shadow:4px 4px  
4px 4px #2D495E; box-shadow:4px 4px 4px  
4px #2D495E }
```

Background

The CSS property to change the background color of an element to Hex 2D495E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D495E }
```

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

```
.background{ background-color:#2D495E }
```

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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