

Converting Colors

Hex(2D3E4A)

Have a look what the booklet for
Hex(2D3E4A) contains.

Hex(2D3E4A)	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(2D3E4A)

Conversions

Conversions Part 1

Format	Color
Hex	2D3E4A
RGB	45, 62, 74
RGB Percent	18%, 24%, 29%
CMY	0.8235, 0.7569, 0.7098
CMYK	0.39, 0.16, 0.00, 0.71
HSL	205°, 24%, 23%
HSV	205°, 39%, 29%
XYZ	4.0408, 4.4975, 7.1337
YIQ	58.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

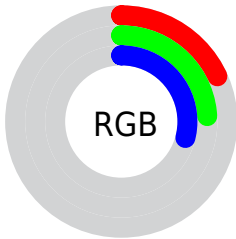
Format	Color
RYB	45, 56, 74
Decimal	2965066
CIELab	25.25, -3.30, -9.50
CIELCh	25, 10.061, 250.823
Yxy	4.4975, 0.2578, 0.2870
Android (android.graphics.Color)	4281155146 (0xFF2D3E4A)
YUV	58.2850, 7.7475, -11.6509
Hunter-Lab	21.2074, -3.1018, -5.0986

Details

The Hex color **2D3E4A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A392D**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5C6D7B**, and **00141E** is the 20% darker color. If you saturate the color by 10%, you get **263B4A**, and if you desaturate by 10%, it is **34414A**.

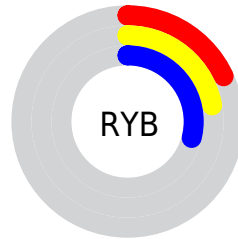
Distribution



Red (18%)

Green (24%)

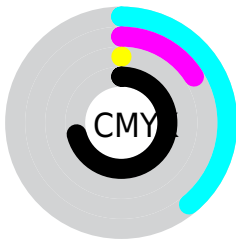
Blue (29%)



Red (18%)

Yellow (22%)

Blue (29%)

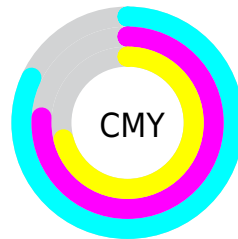


Cyan (39%)

Magenta (16%)

Yellow (0%)

Black (71%)



Cyan (82%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D3E4A 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 2D3E4A by changing the saturation by 10% instead.

■ 2D3E4A

■ 2D3E4A

FFFFFF

■ 172833

■ 5C6D7B

■ 00141E

■ 758794

■ 000003

■ 8FA1AF

■ 000000

■ A9BCCA

■ C5D8E7

■ E1F4FF

FEFFFF

■ 2D3E4A

■ 2D3E4A

■ 263B4A

■ 34414A

■ 1E384A

■ 3C444A

■ 17354A

■ 43474A

■ 0F324A

■ 4B4A4A

■ 082F4A

■ 524D4A

■ 012C4A

■ 59504A

■ 002B4A

■ 61534A

■ 68564A

■ 705A4A

Harmonies

Analogous

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



274046



2D3E4A



373C4B

Triad

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



2D3E4A



4B3639



363E30

Complementary

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



2D3E4A



4A392D

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.



3F3C2D



2D3E4A



4B3832

Square

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



2D3E4A



483741



463A2E



2E4037

Rectangle

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



2D3E4A



3D3A49



463A2E



393E2F

Sweetspot

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



2D3E4A



555C61



2D4A39



2A2E30



B0B0B0



303030

Same Dimension

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



2D3E4A



334E61



2D304A



222526



003C66



0087E6

Inverse Universe

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



4A2D3E



61334E



4A472D



262225



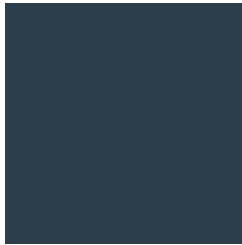
66003C



E60087

Previews

White Background



This preview shows how the Hex color 2D3E4A 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

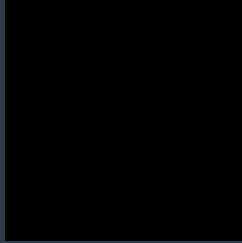
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

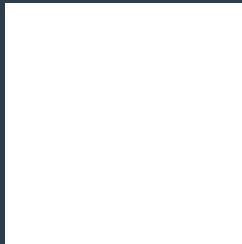
Any Text WCAG AAA × Fail

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

Hex 2D3E4A Background



This preview shows how black text looks on a background with the Hex color 2D3E4A.



This preview shows how white text looks on a background with the Hex color 2D3E4A.

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](#).

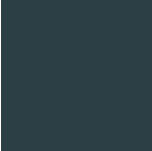
Dichromacy



Original Color
2D3E4A

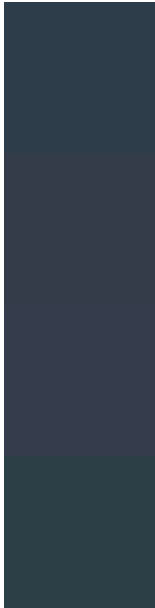
Protanopia
393B48

Deuteranopia
3A3B4B



Tritanopia
2B3F44

Trichromacy



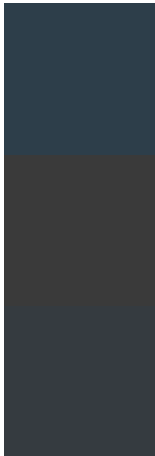
Original Color
2D3E4A

Protanomaly
353C49

Deuteranomaly
353C4B

Tritanomaly
2C3F46

Monochromacy



Original Color
2D3E4A

Achromatopsia
3A3A3A

Achromatomaly
353B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D3E4A 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 #2D3E4A looks like.

```
.text, #text, p{  
    color:#2D3E4A  
}
```

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 #2D3E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D3E4A
}
```

Border

The CSS property to change the border of an element to Hex 2D3E4A 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
#2D3E4A }
```

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

```
.border{ border-color:#2D3E4A }
```

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

Here you see how a box with a 4 pixel #2D3E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D3E4A; -webkit-box-shadow:4px 4px  
4px 4px #2D3E4A; box-shadow:4px 4px 4px  
4px #2D3E4A }
```

Background

The CSS property to change the background color of an element to Hex 2D3E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D3E4A }
```

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

```
.background{ background-color:#2D3E4A }
```

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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