

# Converting Colors

Hex(2E4241)

Have a look what the booklet for  
Hex(2E4241) contains.

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# Color

Hex(2E4241)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E4241
RGB	46, 66, 65
RGB Percent	18%, 26%, 25%
CMY	0.8196, 0.7412, 0.7451
CMYK	0.30, 0.00, 0.02, 0.74
HSL	177°, 18%, 22%
HSV	177°, 30%, 26%
XYZ	4.0291, 4.8589, 5.7265
YIQ	59.9060, -11.5990, -4.5510

# Conversions

## Conversions Part 2

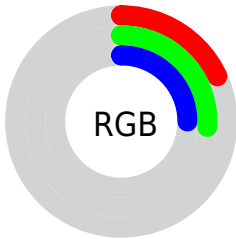
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 56, 66
Decimal	3031617
CIE <sub>Lab</sub>	26.33, -8.11, -1.95
CIE <sub>LCh</sub>	26, 8.346, 193.526
Yxy	4.8589, 0.2757, 0.3325
Android (android.graphics.Color)	4281221697 (0xFF2E4241)
YUV	59.9060, 2.5113, -12.1956
Hunter-Lab	22.0430, -5.9486, 0.0271

# Details

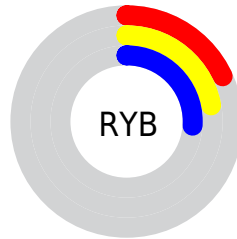
The Hex color **2E4241** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **422E2F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5D7271**, and **001817** is the 20% darker color. If you saturate the color by 10%, you get **274241**, and if you desaturate by 10%, it is **354241**.

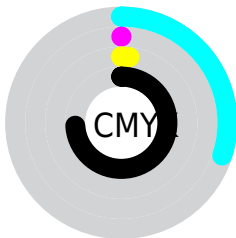
# Distribution



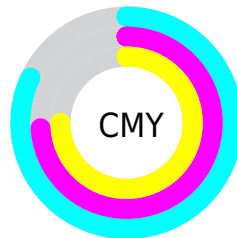
- Red (18%)
- Green (26%)
- Blue (25%)



- Red (18%)
- Yellow (22%)
- Blue (26%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (74%)



- Cyan (82%)
- Magenta (74%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E4241 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 2E4241 by changing the saturation by 10% instead.





2E4241



2E4241

FFFFFF



182C2B



5D7271



001817



758B8A



000000



8FA6A4



AAC1C0



C5DDDB



E1F9F8



FEFFFF



2E4241



2E4241

■ 274241

■ 354241

■ 214240

■ 3B4242

■ 1A4240

■ 424242

■ 144240

■ 484242

■ 0D423F

■ 4F4243

■ 06423F

■ 564243

■ 00423F

■ 5C4243

■ 634244

■ 694244

# Harmonies

## Analogous

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



32423A



2E4241



2E4147

# Triad

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



2E4241



433C48



473D32

# Complementary

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



2E4241



422E2F

# 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.



4B3B36



2E4241



493A42

# Square

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



2E4241



3B3E4B



4C3A3C



403F32

# Rectangle

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



2E4241



314049



4C3A3C



483C33



# Sweetspot

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



2E4241



4F5756



2F422E



272B2B



ABABAB



2B2B2B



# Same Dimension

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



2E4241



375755



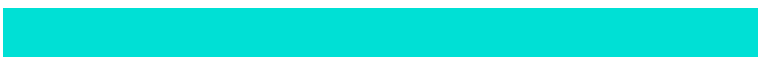
2E3942



1E2121



00615C



00E0D5



# Inverse Universe

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



422E2F



573739



42372E



211E1E



610005

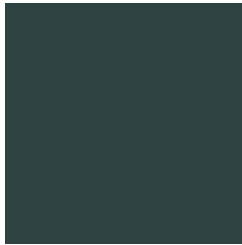


E0000B



# Previews

## White Background



This preview shows how the Hex color 2E4241 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

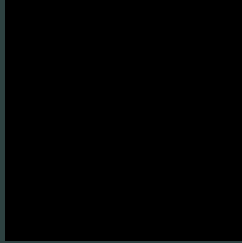
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E4241 Background



This preview shows how black text looks on a background with the Hex color 2E4241.



This preview shows how white text looks on a background with the Hex color 2E4241.

# 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](#).

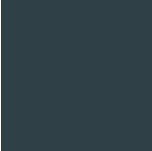
## Dichromacy



**Original Color**  
2E4241

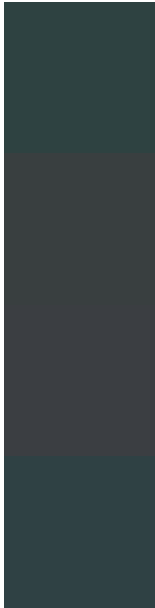
**Protanopia**  
3F3E3F

**Deuteranopia**  
423C42



**Tritanopia**  
2F4146

# Trichromacy



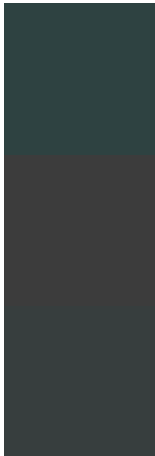
**Original Color**  
2E4241

**Protanomaly**  
393F40

**Deuteranomaly**  
3B3E42

**Tritanomaly**  
2F4144

# Monochromacy



**Original Color**  
2E4241

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
373E3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E4241 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 #2E4241 looks like.

```
.text, #text, p{  
    color:#2E4241  
}
```

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 #2E4241 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4241
}
```

## Border

The CSS property to change the border of an element to Hex 2E4241 is called "border". The border property can be set on classes, ids or directly on the HTML element.

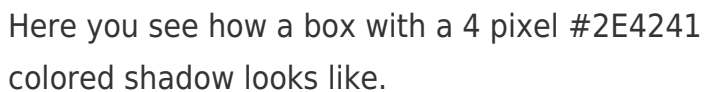
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E4241 }
```

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

```
.border{ border-color:#2E4241 }
```

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



Here you see how a box with a 4 pixel #2E4241 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4241; -webkit-box-shadow:4px 4px  
4px 4px #2E4241; box-shadow:4px 4px 4px  
4px #2E4241 }
```

# Background

The CSS property to change the background color of an element to Hex 2E4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4241 }
```

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

```
.background{ background-color:#2E4241 }
```

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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