

Converting Colors

Hex(2E4058)

Have a look what the booklet for
Hex(2E4058) contains.

Hex(2E4058)	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(2E4058)

Conversions

Conversions Part 1

Format	Color
Hex	2E4058
RGB	46, 64, 88
RGB Percent	18%, 25%, 35%
CMY	0.8196, 0.7490, 0.6549
CMYK	0.48, 0.27, 0.00, 0.65
HSL	214°, 31%, 26%
HSV	214°, 48%, 35%
XYZ	4.7216, 4.9522, 9.9395
YIQ	61.3540, -18.4320, 3.6480

Conversions

Conversions Part 2

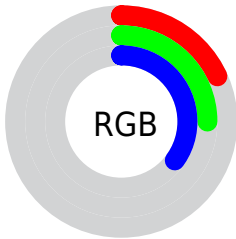
Format	Color
R_{YB}	46, 59, 88
Decimal	3031128
CIE _{Lab}	26.60, 0.19, -16.61
CIE _{LCh}	27, 16.609, 270.656
Yxy	4.9522, 0.2407, 0.2525
Android (android.graphics.Color)	4281221208 (0xFF2E4058)
YUV	61.3540, 13.1365, -13.4655
Hunter-Lab	22.2536, -1.0712, -10.9043

Details

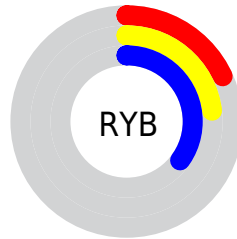
The Hex color **2E4058** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **58462E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5E708A**, and **00162A** is the 20% darker color. If you saturate the color by 10%, you get **253B58**, and if you desaturate by 10%, it is **374558**.

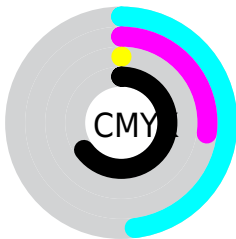
Distribution



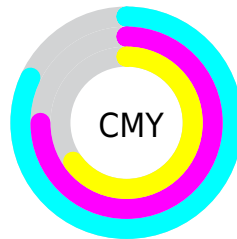
- Red (18%)
- Green (25%)
- Blue (35%)



- Red (18%)
- Yellow (23%)
- Blue (35%)



- Cyan (48%)
- Magenta (27%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4058 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 2E4058 by changing the saturation by 10% instead.

■ 2E4058

■ 2E4058

FFFFFF

■ 172A41

■ 5E708A

■ 00162A

■ 7889A4

■ 000116

■ 92A3BF

■ 000000

■ ADBEDB

■ C8DAF8

■ E4F6FF

■ 2E4058

■ 2E4058

■ 253B58

■ 374558

■ 1C3658

■ 404A58

■ 143158

■ 484F58

■ 0B2C58

■ 515458

■ 022758

■ 5A5958

■ 002658

■ 635E58

■ 6C6358

■ 746858

■ 7D6D58

Harmonies

Analogous

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



1B4355



2E4058



413C55

Triad

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



2E4058



573633



2B4532

Complementary

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



2E4058



58462E

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.



3A4229



2E4058



523A29

Square

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



2E4058



57353F



473E25



1C463F

Rectangle

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



2E4058



4B394F



473E25



30442E

Sweetspot

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



2E4058



636A73



2E5846



31353B



BABABA



3B3B3B

Same Dimension

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



2E4058



314D73



312E58



27292B



002E6B



0065EB

Inverse Universe

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



582E40



73314D



55582E



2B2729



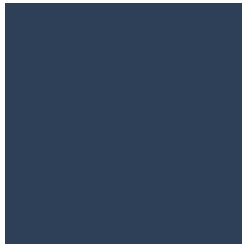
6B002E



EB0065

Previews

White Background



This preview shows how the Hex color 2E4058 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

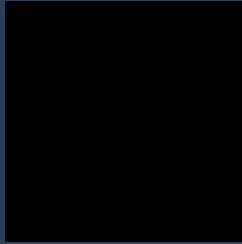
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

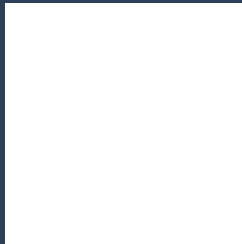
Any Text WCAG AAA × Fail

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

Hex 2E4058 Background



This preview shows how black text looks on a background with the Hex color 2E4058.

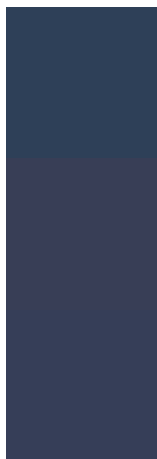


This preview shows how white text looks on a background with the Hex color 2E4058.

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

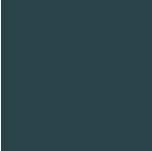
2E4058

Protanopia

383E56

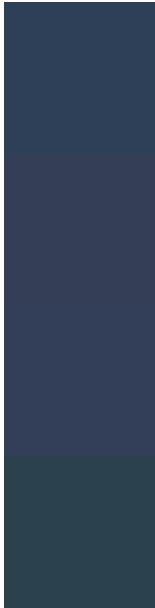
Deuteranopia

363E58



Tritanopia
294348

Trichromacy



Original Color
2E4058

Protanomaly
343F57

Deuteranomaly
333F58

Tritanomaly
2B424E

Monochromacy



Original Color
2E4058

Achromatopsia
3D3D3D

Achromatomaly
383E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4058 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 #2E4058 looks like.

```
.text, #text, p{  
    color:#2E4058  
}
```

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 #2E4058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4058
}
```

Border

The CSS property to change the border of an element to Hex 2E4058 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
#2E4058 }
```

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

```
.border{ border-color:#2E4058 }
```

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

Here you see how a box with a 4 pixel #2E4058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4058; -webkit-box-shadow:4px 4px  
4px 4px #2E4058; box-shadow:4px 4px 4px  
4px #2E4058 }
```

Background

The CSS property to change the background color of an element to Hex 2E4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4058 }
```

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

```
.background{ background-color:#2E4058 }
```

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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