

Converting Colors

Hex(253E4A)

Have a look what the booklet for
Hex(253E4A) contains.

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Color

Hex(253E4A)

Conversions

Conversions Part 1

Format	Color
Hex	253E4A
RGB	37, 62, 74
RGB Percent	15%, 24%, 29%
CMY	0.8549, 0.7569, 0.7098
CMYK	0.50, 0.16, 0.00, 0.71
HSL	199°, 33%, 22%
HSV	199°, 50%, 29%
XYZ	3.7216, 4.3330, 7.1188
YIQ	55.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

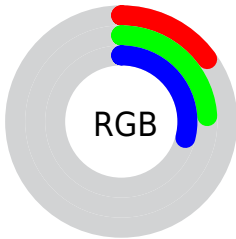
Format	Color
R_{YB}	37, 52, 74
Decimal	2440778
CIE Lab	24.74, -5.83, -10.32
CIE LCh	25, 11.857, 240.543
Yxy	4.3330, 0.2453, 0.2856
Android (android.graphics.Color)	4280630858 (0xFF253E4A)
YUV	55.8930, 8.9268, -16.5692
Hunter-Lab	20.8158, -4.5141, -5.7054

Details

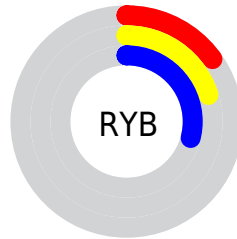
The Hex color **253E4A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A3125**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **546D7B**, and **00141E** is the 20% darker color. If you saturate the color by 10%, you get **1E3C4A**, and if you desaturate by 10%, it is **2C404A**.

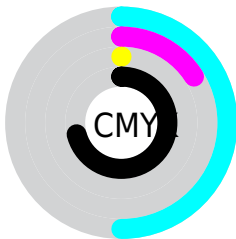
Distribution



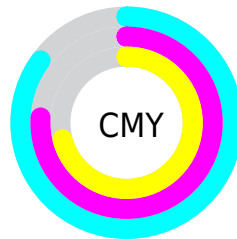
- Red (15%)
- Green (24%)
- Blue (29%)



- Red (15%)
- Yellow (20%)
- Blue (29%)



- Cyan (50%)
- Magenta (16%)
- Yellow (0%)
- Black (71%)



- Cyan (85%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253E4A 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 253E4A by changing the saturation by 10% instead.

■ 253E4A

■ 253E4A

FFFFFF

■ 0E2833

■ 546D7B

■ 00141E

■ 6D8794

■ 000003

■ 87A1AF

■ 000000

■ A1BCCB

■ BDD8E7

■ D9F4FF

■ F5FFFF

■ 253E4A

■ 253E4A

■ 1E3C4A

■ 2C404A

■ 16394A

■ 34434A

■ 0F374A

■ 3B454A

■ 07344A

■ 43484A

■ 00324A

■ 4A4A4A

■ 514C4A

■ 594F4A

■ 60514A

■ 68544A

Harmonies

Analogous

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



203F43



253E4A



303B4C

Triad

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



253E4A



4C343B



383D2B

Complementary

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



253E4A



4A3125

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.



413A29



253E4A



4D3532

Square

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



253E4A



463644



49372B



2D3F32

Rectangle

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



253E4A



38394B



49372B



3B3C2A

Sweetspot

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



253E4A



525C61



254A31



282E30



B0B0B0



303030

Same Dimension

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



253E4A



274E61



252C4A



222526



004566



009BE6

Inverse Universe

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



4A253E



61274E



4A4325



262225



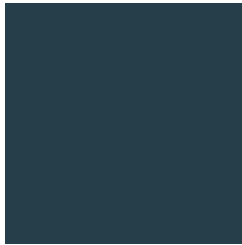
660045



E6009B

Previews

White Background



This preview shows how the Hex color 253E4A looks on a white background.

Color Contrast Check

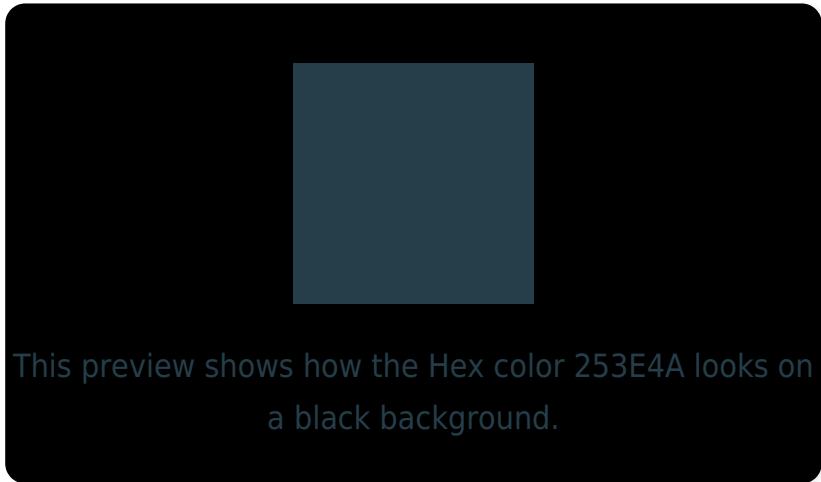
Large Text (above 18pt) WCAG AA ✓ Pass

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

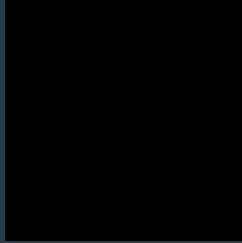
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

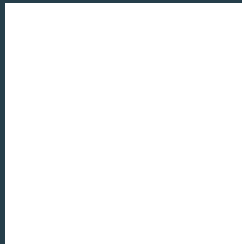
Any Text WCAG AAA × Fail

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

Hex 253E4A Background



This preview shows how black text looks on a background with the Hex color 253E4A.



This preview shows how white text looks on a background with the Hex color 253E4A.

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](#).

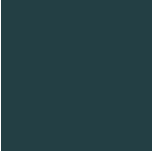
Dichromacy



Original Color
253E4A

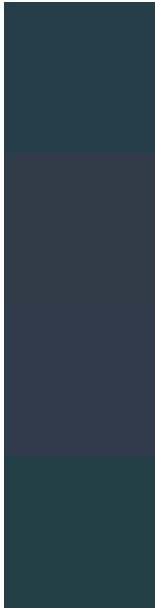
Protanopia
383A47

Deuteranopia
383A4B



Tritanopia
233F44

Trichromacy



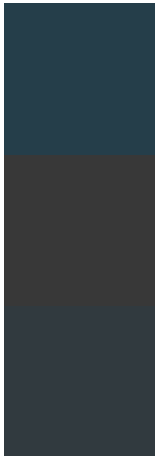
Original Color
253E4A

Protanomaly
313B48

Deuteranomaly
313B4B

Tritanomaly
243F46

Monochromacy



Original Color
253E4A

Achromatopsia
383838

Achromatomaly
313A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 253E4A 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 #253E4A looks like.

```
.text, #text, p{  
    color:#253E4A  
}
```

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 #253E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253E4A
}
```

Border

The CSS property to change the border of an element to Hex 253E4A 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
#253E4A }
```

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

```
.border{ border-color:#253E4A }
```

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

Here you see how a box with a 4 pixel #253E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253E4A; -webkit-box-shadow:4px 4px  
4px 4px #253E4A; box-shadow:4px 4px 4px  
4px #253E4A }
```

Background

The CSS property to change the background color of an element to Hex 253E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253E4A }
```

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

```
.background{ background-color:#253E4A }
```

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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