

Converting Colors

Hex(234E5E)

Have a look what the booklet for
Hex(234E5E) contains.

Hex(234E5E)	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(234E5E)

Conversions

Conversions Part 1

Format	Color
Hex	234E5E
RGB	35, 78, 94
RGB Percent	14%, 31%, 37%
CMY	0.8627, 0.6941, 0.6314
CMYK	0.63, 0.17, 0.00, 0.63
HSL	196°, 46%, 25%
HSV	196°, 63%, 37%
XYZ	5.4379, 6.6143, 11.5797
YIQ	66.9670, -30.7640, -4.1400

Conversions

Conversions Part 2

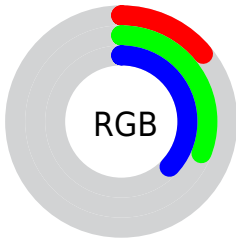
Format	Color
R_{YB}	35, 60, 94
Decimal	2313822
CIE _{Lab}	30.91, -9.54, -13.87
CIE _{LCh}	31, 16.839, 235.477
Yxy	6.6143, 0.2301, 0.2799
Android (android.graphics.Color)	4280503902 (0xFF234E5E)
YUV	66.9670, 13.3273, -28.0351
Hunter-Lab	25.7182, -7.2644, -8.6929

Details

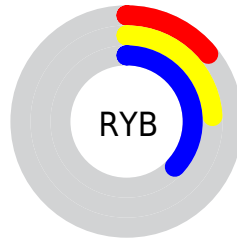
The Hex color **234E5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3323**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **567F90**, and **002230** is the 20% darker color. If you saturate the color by 10%, you get **1A4B5E**, and if you desaturate by 10%, it is **2C515E**.

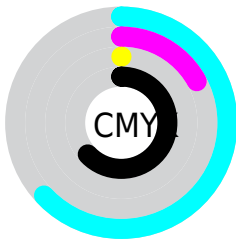
Distribution



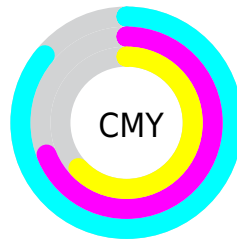
- Red (14%)
- Green (31%)
- Blue (37%)



- Red (14%)
- Yellow (24%)
- Blue (37%)



- Cyan (63%)
- Magenta (17%)
- Yellow (0%)
- Black (63%)



- Cyan (86%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234E5E 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 234E5E by changing the saturation by 10% instead.



234E5E



234E5E

FFFFFF



043746



567F90



002230



7099AB



00081B



8AB4C6



000000



A5CFE2



C1ECFF



DDEFFF



FAFFFF



234E5E



234E5E

■ 1A4B5E

■ 2C515E

■ 10495E

■ 36535E

■ 07465E

■ 3F565E

■ 00455E

■ 49585E

■ 525B5E

■ 5B5D5E

■ 65605E

■ 6E625E

■ 78655E

Harmonies

Analogous

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



1E5054



234E5E



344B63

Triad

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



234E5E



613F4B



464B31

Complementary

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



234E5E



5E3323

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.



54472F



234E5E



63403E

Square

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



234E5E



584258



5E4334



374E39

Rectangle

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



234E5E



424862



5E4334



4B4A2F

Sweetspot

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



234E5E



63747A



235E33



2F393D



BDBDBD



3D3D3D

Same Dimension

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



234E5E



1F627A



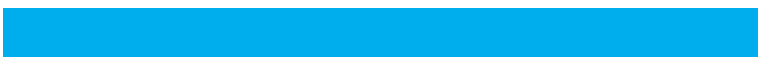
23315E



292D2E



00506E



00ADED

Inverse Universe

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



5E234E



7A1F62



5E5023



2E292D



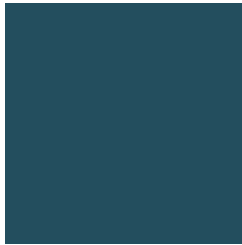
6E0050



ED00AD

Previews

White Background



This preview shows how the Hex color 234E5E looks on a white background.

Color Contrast Check

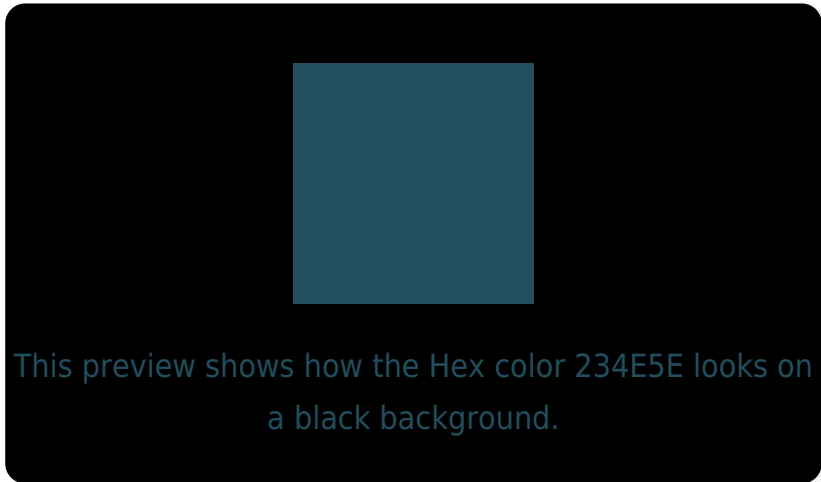
Large Text (above 18pt) WCAG AA ✓ Pass

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

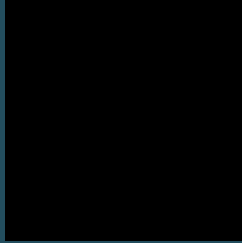
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

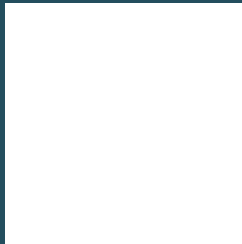
Any Text WCAG AAA × Fail

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

Hex 234E5E Background



This preview shows how black text looks on a background with the Hex color 234E5E.



This preview shows how white text looks on a background with the Hex color 234E5E.

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
234E5E

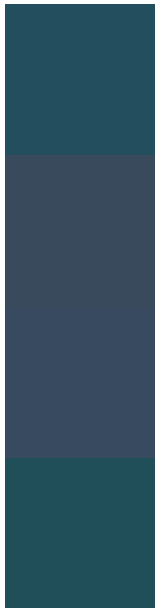
Protanopia
44485A

Deuteranopia
43475F



Tritanopia
1F4F56

Trichromacy



Original Color
234E5E

Protanomaly
384A5B

Deuteranomaly
374A5F

Tritanomaly
204F59

Monochromacy



Original Color
234E5E

Achromatopsia
434343

Achromatomaly
37474D

CSS Examples

Text

The CSS property to change the color of the text to Hex 234E5E 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 #234E5E looks like.

```
.text, #text, p{  
  color:#234E5E  
}
```

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 #234E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234E5E
}
```

Border

The CSS property to change the border of an element to Hex 234E5E 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
#234E5E }
```

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

```
.border{ border-color:#234E5E }
```

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

Here you see how a box with a 4 pixel #234E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234E5E; -webkit-box-shadow:4px 4px  
4px 4px #234E5E; box-shadow:4px 4px 4px  
4px #234E5E }
```

Background

The CSS property to change the background color of an element to Hex 234E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234E5E }
```

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

```
.background{ background-color:#234E5E }
```

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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