

Converting Colors

Hex(233F4E)

Have a look what the booklet for
Hex(233F4E) contains.

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Color

Hex(233F4E)

Conversions

Conversions Part 1

Format	Color
Hex	233F4E
RGB	35, 63, 78
RGB Percent	14%, 25%, 31%
CMY	0.8627, 0.7529, 0.6941
CMYK	0.55, 0.19, 0.00, 0.69
HSL	201°, 38%, 22%
HSV	201°, 55%, 31%
XYZ	3.8458, 4.4624, 7.8664
YIQ	56.3380, -21.5030, -1.2710

Conversions

Conversions Part 2

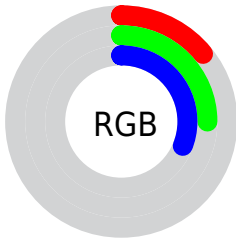
Format	Color
RYB	35, 52, 78
Decimal	2309966
CIELab	25.14, -5.69, -12.36
CIELCh	25, 13.608, 245.261
Yxy	4.4624, 0.2378, 0.2759
Android (android.graphics.Color)	4280500046 (0xFF233F4E)
YUV	56.3380, 10.6794, -18.7134
Hunter-Lab	21.1244, -4.4710, -7.2915

Details

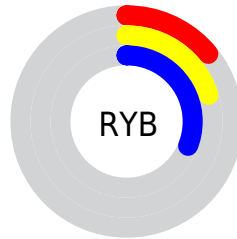
The Hex color **233F4E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E3223**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **536F7F**, and **001522** is the 20% darker color. If you saturate the color by 10%, you get **1B3C4E**, and if you desaturate by 10%, it is **2B424E**.

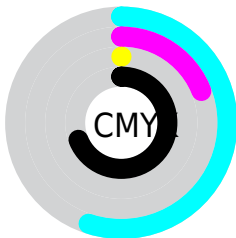
Distribution



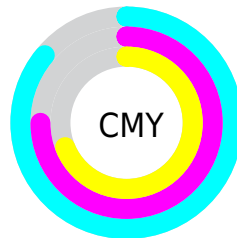
- Red (14%)
- Green (25%)
- Blue (31%)



- Red (14%)
- Yellow (20%)
- Blue (31%)



- Cyan (55%)
- Magenta (19%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233F4E 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 233F4E by changing the saturation by 10% instead.

■ 233F4E

■ 233F4E

FFFFFF

■ 0A2937

■ 536F7F

■ 001522

■ 6C8899

■ 00000A

■ 86A2B4

■ 000000

■ A0BDCF

■ BCD9EC

■ D8F5FF

■ F5FFFF

■ 233F4E

■ 233F4E

■ 1B3C4E

■ 2B424E

■ 133A4E

■ 33444E

■ 0C374E

■ 3A474E

■ 04344E

■ 424A4E

■ 00334E

■ 4A4D4E

■ 524F4E

■ 5A524E

■ 61554E

■ 69574E

Harmonies

Analogous

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



1C4147



233F4E



313C50

Triad

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



233F4E



50343A



363F2B

Complementary

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



233F4E



4E3223

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.



413C27



233F4E



503530

Square

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



233F4E



4A3544



4A3829



2A4133

Rectangle

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



233F4E



3B3A4E



4A3829



3A3E29

Sweetspot

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



233F4E



556066



234E31



292F33



B3B3B3



333333

Same Dimension

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



233F4E



234F66



232A4E



222526



004266



0095E6

Inverse Universe

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



4E233F



66234F



4E4723



262225



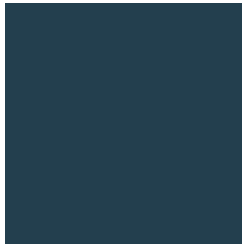
660042



E60095

Previews

White Background



This preview shows how the Hex color 233F4E looks on a white background.

Color Contrast Check

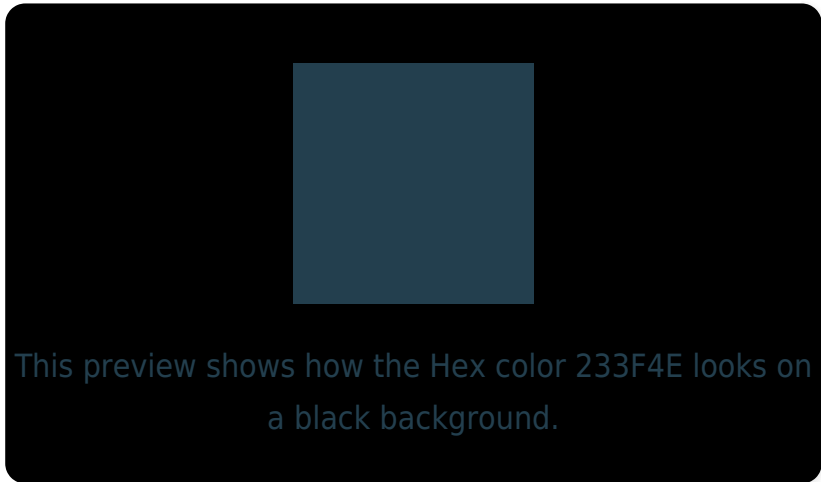
Large Text (above 18pt) WCAG AA ✓ Pass

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

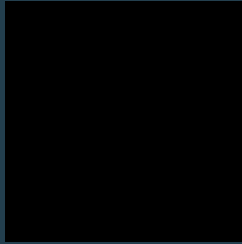
Any Text WCAG AA × Fail

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 233F4E Background



This preview shows how black text looks on a background with the Hex color 233F4E.



This preview shows how white text looks on a background with the Hex color 233F4E.

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

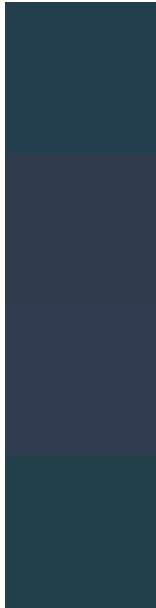


Original Color
233F4E

Protanopia
383B4B

Deuteranopia
373B4F

Trichromacy



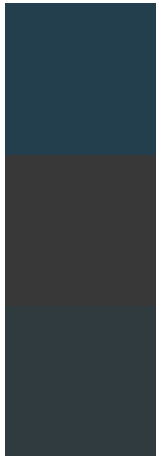
Original Color
233F4E

Protanomaly
303C4C

Deuteranomaly
303C4F

Tritanomaly
214049

Monochromacy



Original Color
233F4E

Achromatopsia
383838

Achromatomaly
303B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 233F4E 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 #233F4E looks like.

```
.text, #text, p{  
    color:#233F4E  
}
```

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 #233F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233F4E
}
```

Border

The CSS property to change the border of an element to Hex 233F4E 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
#233F4E }
```

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

```
.border{ border-color:#233F4E }
```

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

Here you see how a box with a 4 pixel #233F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233F4E; -webkit-box-shadow:4px 4px  
4px 4px #233F4E; box-shadow:4px 4px 4px  
4px #233F4E }
```

Background

The CSS property to change the background color of an element to Hex 233F4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233F4E }
```

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

```
.background{ background-color:#233F4E }
```

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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