

Converting Colors

Hex(235F3E)

Have a look what the booklet for
Hex(235F3E) contains.

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Color

Hex(235F3E)

Conversions

Conversions Part 1

Format	Color
Hex	235F3E
RGB	35, 95, 62
RGB Percent	14%, 37%, 24%
CMY	0.8627, 0.6275, 0.7569
CMYK	0.63, 0.00, 0.35, 0.63
HSL	147°, 46%, 25%
HSV	147°, 63%, 37%
XYZ	5.6548, 8.8895, 5.9752
YIQ	73.2980, -25.1670, -22.9830

Conversions

Conversions Part 2

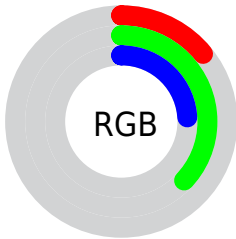
Format	Color
R_{YB}	35, 76, 95
Decimal	2318142
CIE Lab	35.77, -27.96, 13.26
CIE LCh	36, 30.941, 154.629
Yxy	8.8895, 0.2756, 0.4332
Android (android.graphics.Color)	4280508222 (0xFF235F3E)
YUV	73.2980, -5.5699, -33.5873
Hunter-Lab	29.8153, -18.3221, 8.9885

Details

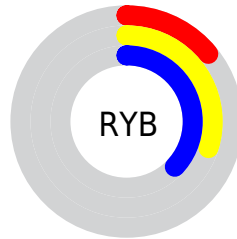
The Hex color **235F3E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F2344**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **56926E**, and **003013** is the 20% darker color. If you saturate the color by 10%, you get **195F39**, and if you desaturate by 10%, it is **2D5F43**.

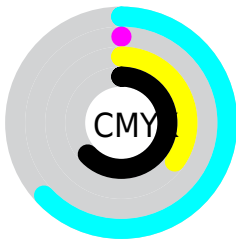
Distribution



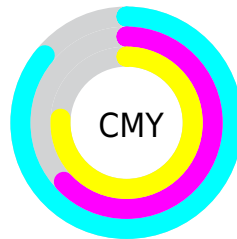
- Red (14%)
- Green (37%)
- Blue (24%)



- Red (14%)
- Yellow (30%)
- Blue (37%)



- Cyan (63%)
- Magenta (0%)
- Yellow (35%)
- Black (63%)



- Cyan (86%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235F3E 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 235F3E by changing the saturation by 10% instead.

 235F3E

 235F3E

FFFFFF

 044728

 56926E

 003013

 70AD87

 001D00

 8BC8A1

 000000

 A6E5BC

 C1FFD8

 DEFFF5

 FBFFFF

 235F3E

 235F3E

■ 195F39

■ 2D5F43

■ 105F34

■ 365F48

■ 065F2E

■ 405F4E

■ 005F2B

■ 495F53

■ 535F58

■ 5C5F5D

■ 665F63

■ 6F5F68

■ 795F6D

Harmonies

Analogous

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



455B2A



235F3E



006157

Triad

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



235F3E



2F5585



804339

Complementary

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



235F3E



5F2344

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.



823F51



235F3E



5B4C7D

Square

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



235F3E



005C80



76436A



744B27

Rectangle

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



235F3E



006068



76436A



824141

Sweetspot

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



235F3E



637A6E



445F23



2F3D35



BDBDBD



3D3D3D

Same Dimension

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



235F3E



1D7A47



235F5C



2C302E



007032



00F06C

Inverse Universe

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



5F2344



7A1D51



5F2326



302C2E



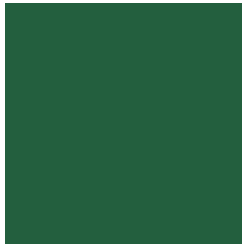
70003E



F00084

Previews

White Background



This preview shows how the Hex color 235F3E looks on a white background.

Color Contrast Check

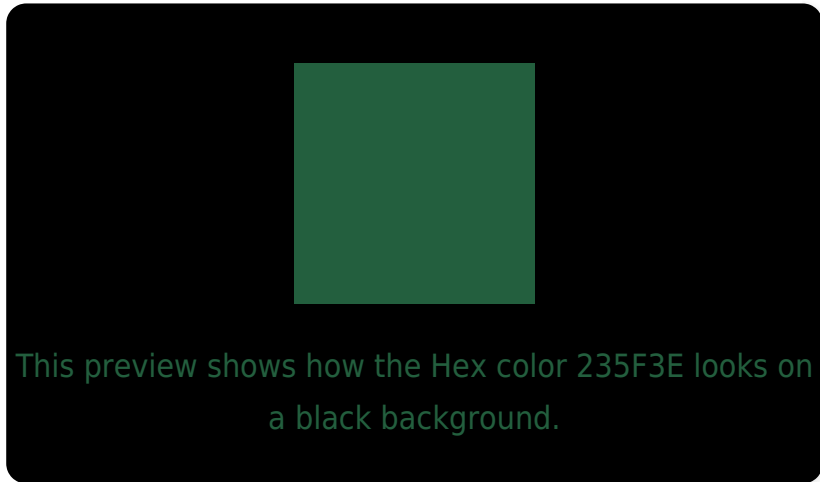
Large Text (above 18pt) WCAG AA ✓ Pass

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

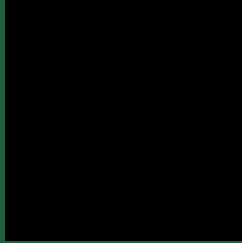
Any Text WCAG AA × Fail

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 235F3E Background



This preview shows how black text looks on a background with the Hex color 235F3E.



This preview shows how white text looks on a background with the Hex color 235F3E.

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
235F3E

Protanopia
5B5439

Deuteranopia
625041



Tritanopia
2F5B62

Trichromacy



Original Color
235F3E

Protanomaly
47583B

Deuteranomaly
4B5540

Tritanomaly
2B5C55

Monochromacy



Original Color
235F3E

Achromatopsia
494949

Achromatomaly
3B5145

CSS Examples

Text

The CSS property to change the color of the text to Hex 235F3E 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 #235F3E looks like.

```
.text, #text, p{  
    color:#235F3E  
}
```

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 #235F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235F3E
}
```

Border

The CSS property to change the border of an element to Hex 235F3E 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
#235F3E }
```

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

```
.border{ border-color:#235F3E }
```

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

Here you see how a box with a 4 pixel #235F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235F3E; -webkit-box-shadow:4px 4px  
4px 4px #235F3E; box-shadow:4px 4px 4px  
4px #235F3E }
```

Background

The CSS property to change the background color of an element to Hex 235F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235F3E }
```

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

```
.background{ background-color:#235F3E }
```

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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