

Converting Colors

Hex(255E47)

Have a look what the booklet for
Hex(255E47) contains.

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Color

Hex(255E47)

Conversions

Conversions Part 1

Format	Color
Hex	255E47
RGB	37, 94, 71
RGB Percent	15%, 37%, 28%
CMY	0.8549, 0.6314, 0.7216
CMYK	0.61, 0.00, 0.24, 0.63
HSL	156°, 44%, 26%
HSV	156°, 61%, 37%
XYZ	5.9030, 8.8537, 7.3590
YIQ	74.3350, -26.5890, -19.2370

Conversions

Conversions Part 2

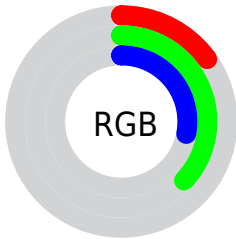
Format	Color
RYB	37, 73, 94
Decimal	2448967
CIELab	35.70, -24.84, 7.67
CIELCh	36, 26.000, 162.837
Yxy	8.8537, 0.2669, 0.4003
Android (android.graphics.Color)	4280639047 (0xFF255E47)
YUV	74.3350, -1.6442, -32.7428
Hunter-Lab	29.7551, -16.6596, 6.1649

Details

The Hex color **255E47** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E253C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **589177**, and **002F1C** is the 20% darker color. If you saturate the color by 10%, you get **1C5E43**, and if you desaturate by 10%, it is **2E5E4B**.

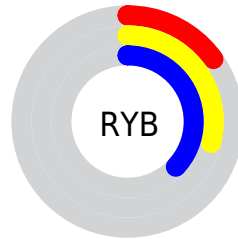
Distribution



Red (15%)

Green (37%)

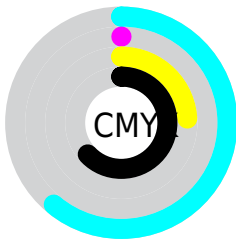
Blue (28%)



Red (15%)

Yellow (29%)

Blue (37%)

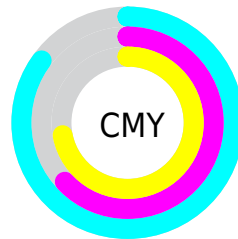


Cyan (61%)

Magenta (0%)

Yellow (24%)

Black (63%)



Cyan (85%)

Magenta (63%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255E47 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 255E47 by changing the saturation by 10% instead.

 255E47

 255E47

FFFFFF

 074631

 589177

 002F1C

 71AC91

 001C01

 8CC7AC

 000000

 A7E3C7

 C3FFE3

 DFFFFFF

 FFFFFFF

 255E47

 255E47

■ 1C5E43

■ 2E5E4B

■ 125E3F

■ 385E4F

■ 095E3C

■ 415E52

■ 005E38

■ 4B5E56

■ 545E5A

■ 5D5E5E

■ 675E62

■ 705E65

■ 7A5E69

Harmonies

Analogous

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



415B35



255E47



005F5C

Triad

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



255E47



43537C



784739

Complementary

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



255E47



5E253C

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.



7C434C



255E47



614B73

Square

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



255E47



18597B



754561



6B4F2C

Rectangle

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



255E47



005E6A



754561



7A463F

Sweetspot

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



255E47



647A72



3D5E25



303D38



BDBDBD



3D3D3D

Same Dimension

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



255E47



217A56



25595E



292E2C



006E41



00ED8D

Inverse Universe

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



5E253C



7A2145



5E2A25



2E292B



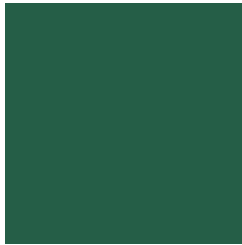
6E002C



ED0060

Previews

White Background



This preview shows how the Hex color 255E47 looks on a white background.

Color Contrast Check

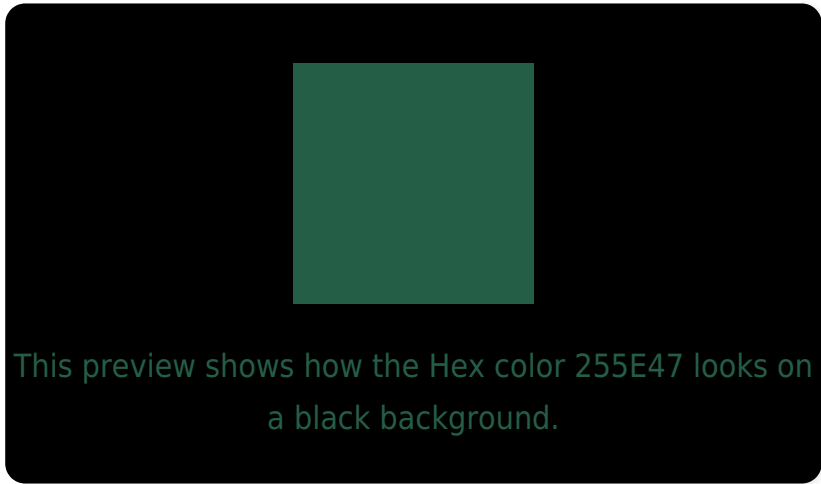
Large Text (above 18pt) WCAG AA ✓ Pass

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

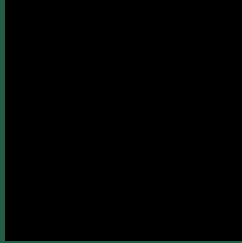
Any Text WCAG AA × Fail

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 255E47 Background



This preview shows how black text looks on a background with the Hex color 255E47.



This preview shows how white text looks on a background with the Hex color 255E47.

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](#).

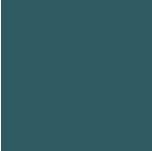
Dichromacy



Original Color
255E47

Protanopia
595342

Deuteranopia
5F514A



Tritanopia
2E5A62

Trichromacy



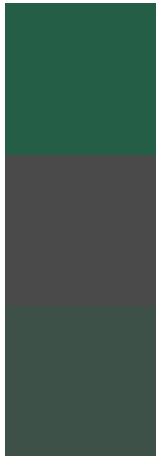
Original Color
255E47

Protanomaly
465744

Deuteranomaly
4A5649

Tritanomaly
2B5B58

Monochromacy



Original Color
255E47

Achromatopsia
4A4A4A

Achromatomaly
3D5149

CSS Examples

Text

The CSS property to change the color of the text to Hex 255E47 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 #255E47 looks like.

```
.text, #text, p{  
  color:#255E47  
}
```

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 #255E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255E47
}
```

Border

The CSS property to change the border of an element to Hex 255E47 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
#255E47 }
```

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

```
.border{ border-color:#255E47 }
```

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

Here you see how a box with a 4 pixel #255E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255E47; -webkit-box-shadow:4px 4px  
4px 4px #255E47; box-shadow:4px 4px 4px  
4px #255E47 }
```

Background

The CSS property to change the background color of an element to Hex 255E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255E47 }
```

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

```
.background{ background-color:#255E47 }
```

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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