

Converting Colors

Hex(255E50)

Have a look what the booklet for
Hex(255E50) contains.

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Color

Hex(255E50)

Conversions

Conversions Part 1

Format	Color
Hex	255E50
RGB	37, 94, 80
RGB Percent	15%, 37%, 31%
CMY	0.8549, 0.6314, 0.6863
CMYK	0.61, 0.00, 0.15, 0.63
HSL	165°, 44%, 26%
HSV	165°, 61%, 37%
XYZ	6.2136, 8.9779, 8.9948
YIQ	75.3610, -29.4780, -16.4380

Conversions

Conversions Part 2

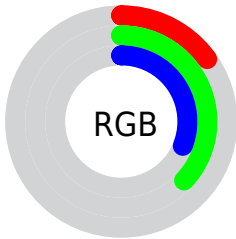
Format	Color
R_{YB}	37, 69, 94
Decimal	2448976
CIE _{Lab}	35.94, -22.47, 2.45
CIE _{LCh}	36, 22.599, 173.776
Yxy	8.9779, 0.2569, 0.3712
Android (android.graphics.Color)	4280639056 (0xFF255E50)
YUV	75.3610, 2.2870, -33.6426
Hunter-Lab	29.9632, -15.4190, 3.1756

Details

The Hex color **255E50** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E2533**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **589181**, and **002F24** is the 20% darker color. If you saturate the color by 10%, you get **1C5E4E**, and if you desaturate by 10%, it is **2E5E52**.

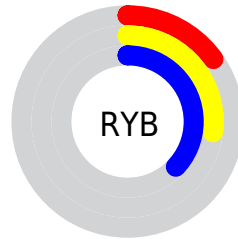
Distribution



Red (15%)

Green (37%)

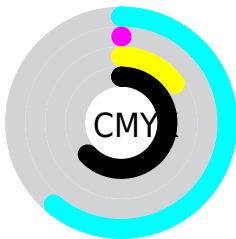
Blue (31%)



Red (15%)

Yellow (27%)

Blue (37%)

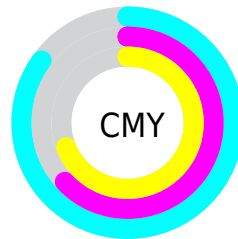


Cyan (61%)

Magenta (0%)

Yellow (15%)

Black (63%)



Cyan (85%)

Magenta (63%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255E50 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 255E50 by changing the saturation by 10% instead.

 255E50

 255E50

FFFFFF

 074639

 589181

 002F24

 72AB9B

 001C0E

 8CC7B6

 000000

 A8E3D2

 C3FFEE

 E0FFFF

 F0FFFF

 255E50

 255E50

■ 1C5E4E

■ 2E5E52

■ 125E4B

■ 385E55

■ 095E49

■ 415E57

■ 005E47

■ 4B5E59

■ 545E5C

■ 5D5E5E

■ 675E60

■ 705E62

■ 7A5E65

Harmonies

Analogous

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



3D5C3F



255E50



0C5E62

Triad

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



255E50



515176



714C38

Complementary

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



255E50



5E2533

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.



784747



255E50



684B6A

Square

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



255E50



345778



754759



645230

Rectangle

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



255E50



0B5D6D



754759



744A3C

Sweetspot

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



255E50



647A75



335E25



303D3A



BDBDBD



3D3D3D

Same Dimension

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



255E50



217A64



25505E



292E2D



006E53



00EDB3

Inverse Universe

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



5E2533



7A2137



5E3325



2E292A



6E001B



ED003A

Previews

White Background



This preview shows how the Hex color 255E50 looks on a white background.

Color Contrast Check

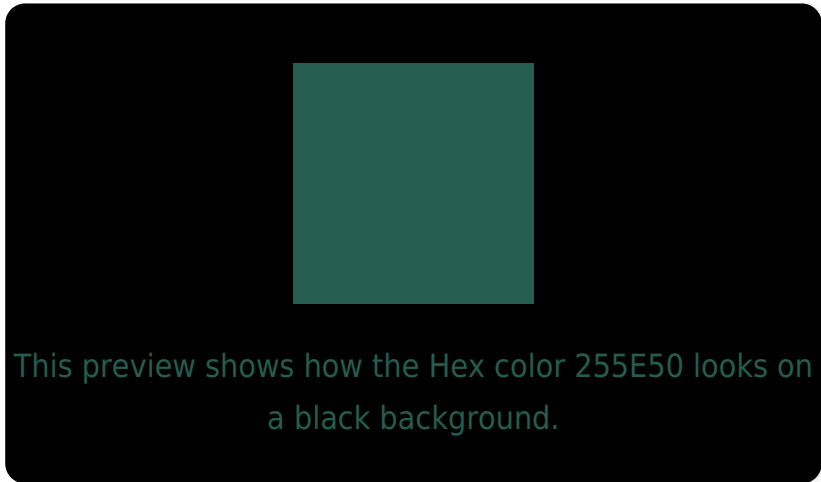
Large Text (above 18pt) WCAG AA ✓ Pass

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

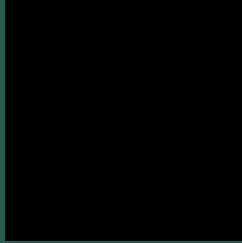
Any Text WCAG AA × Fail

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 255E50 Background



This preview shows how black text looks on a background with the Hex color 255E50.



This preview shows how white text looks on a background with the Hex color 255E50.

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
255E50

Protanopia
58544B

Deuteranopia
5D5153



Tritanopia
2C5B63

Trichromacy



Original Color
255E50

Protanomaly
45584D

Deuteranomaly
495652

Tritanomaly
295C5C

Monochromacy



Original Color
255E50

Achromatopsia
4B4B4B

Achromatomaly
3D524D

CSS Examples

Text

The CSS property to change the color of the text to Hex 255E50 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 #255E50 looks like.

```
.text, #text, p{  
    color:#255E50  
}
```

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 #255E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255E50
}
```

Border

The CSS property to change the border of an element to Hex 255E50 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
#255E50 }
```

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

```
.border{ border-color:#255E50 }
```

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

Here you see how a box with a 4 pixel #255E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255E50; -webkit-box-shadow:4px 4px  
4px 4px #255E50; box-shadow:4px 4px 4px  
4px #255E50 }
```

Background

The CSS property to change the background color of an element to Hex 255E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255E50 }
```

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

```
.background{ background-color:#255E50 }
```

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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