

Converting Colors

Hex(245E53)

Have a look what the booklet for
Hex(245E53) contains.

Hex(245E53)	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(245E53)

Conversions

Conversions Part 1

Format	Color
Hex	245E53
RGB	36, 94, 83
RGB Percent	14%, 37%, 33%
CMY	0.8588, 0.6314, 0.6745
CMYK	0.62, 0.00, 0.12, 0.63
HSL	169°, 45%, 25%
HSV	169°, 62%, 37%
XYZ	6.2916, 9.0050, 9.5902
YIQ	75.4040, -31.0370, -15.7170

Conversions

Conversions Part 2

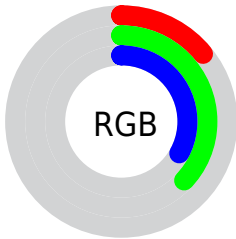
Format	Color
R_{YB}	36, 68, 94
Decimal	2383443
CIE _{Lab}	35.99, -21.85, 0.66
CIE _{LCh}	36, 21.861, 178.272
Yxy	9.0050, 0.2528, 0.3618
Android (android.graphics.Color)	4280573523 (0xFF245E53)
YUV	75.4040, 3.7448, -34.5573
Hunter-Lab	30.0083, -15.0901, 2.0578

Details

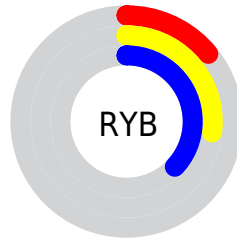
The Hex color **245E53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E242F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **579184**, and **002F26** is the 20% darker color. If you saturate the color by 10%, you get **1B5E51**, and if you desaturate by 10%, it is **2D5E55**.

Distribution



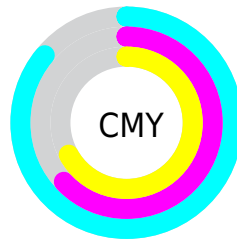
- Red (14%)
- Green (37%)
- Blue (33%)



- Red (14%)
- Yellow (27%)
- Blue (37%)



- Cyan (62%)
- Magenta (0%)
- Yellow (12%)
- Black (63%)



- Cyan (86%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245E53 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 245E53 by changing the saturation by 10% instead.

 245E53

 245E53

FFFFFF

 04463C

 579184

 002F26

 71AB9E

 001C12

 8CC7B9

 000000

 A7E3D5

 C3FFF1

 DFFFFF

 FCFEFC

 245E53

 245E53

■ 1B5E51

■ 2D5E55

■ 115E4F

■ 375E57

■ 085E4E

■ 405E58

■ 005E4C

■ 4A5E5A

■ 535E5C

■ 5C5E5E

■ 665E5F

■ 6F5E61

■ 795E63

Harmonies

Analogous

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



3B5C42



245E53



115E65

Triad

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



245E53



555173



6F4D37

Complementary

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



245E53



5E242F

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.



774845



245E53



6A4B67

Square

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



245E53



3A5777



754756



615331

Rectangle

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



245E53



155C6E



754756



724B3B

Sweetspot

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



245E53



637A76



305E24



2F3D3B



BDBDBD



3D3D3D

Same Dimension

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



245E53



207A69



244D5E



292E2D



006E59



00EDC0

Inverse Universe

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



5E242F



7A2031



5E3524



2E292A



6E0015



ED002D

Previews

White Background



This preview shows how the Hex color 245E53 looks on a white background.

Color Contrast Check

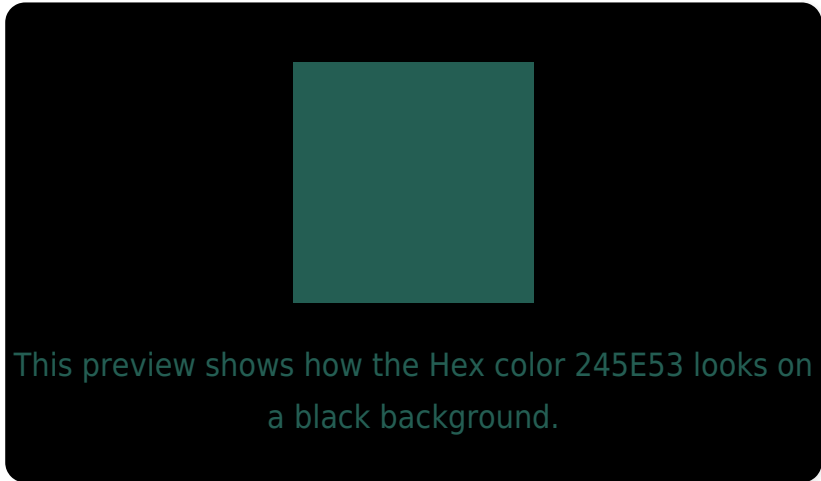
Large Text (above 18pt) WCAG AA ✓ Pass

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

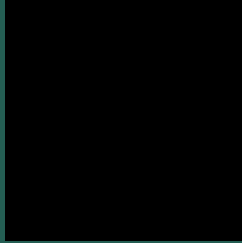
Any Text WCAG AA × Fail

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 245E53 Background



This preview shows how black text looks on a background with the Hex color 245E53.

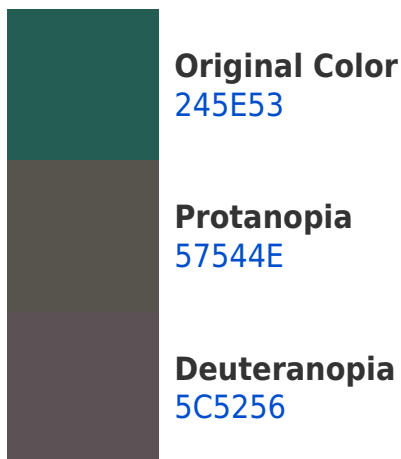



This preview shows how white text looks on a background with the Hex color 245E53.

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](#).

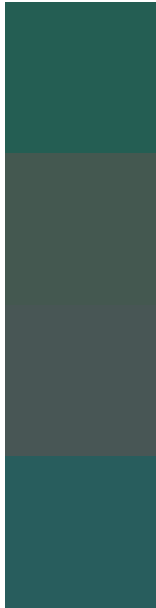
Dichromacy





Tritanopia
2A5C63

Trichromacy



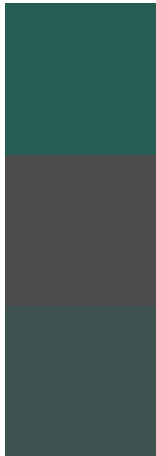
Original Color
245E53

Protanomaly
445850

Deuteranomaly
485655

Tritanomaly
285D5D

Monochromacy



Original Color
245E53

Achromatopsia
4B4B4B

Achromatomaly
3D524E

CSS Examples

Text

The CSS property to change the color of the text to Hex 245E53 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 #245E53 looks like.

```
.text, #text, p{  
    color:#245E53  
}
```

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 #245E53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245E53
}
```

Border

The CSS property to change the border of an element to Hex 245E53 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
#245E53 }
```

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

```
.border{ border-color:#245E53 }
```

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

Here you see how a box with a 4 pixel #245E53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245E53; -webkit-box-shadow:4px 4px  
4px 4px #245E53; box-shadow:4px 4px 4px  
4px #245E53 }
```

Background

The CSS property to change the background color of an element to Hex 245E53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245E53 }
```

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

```
.background{ background-color:#245E53 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor