

Converting Colors

Hex(245E68)

Have a look what the booklet for
Hex(245E68) contains.

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Color

Hex(245E68)

Conversions

Conversions Part 1

Format	Color
Hex	245E68
RGB	36, 94, 104
RGB Percent	14%, 37%, 41%
CMY	0.8588, 0.6314, 0.5922
CMYK	0.65, 0.10, 0.00, 0.59
HSL	189°, 49%, 27%
HSV	189°, 65%, 41%
XYZ	7.2289, 9.3800, 14.5262
YIQ	77.7980, -37.7780, -9.1860

Conversions

Conversions Part 2

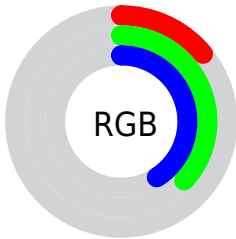
Format	Color
RYB	36, 67, 104
Decimal	2383464
CIELab	36.71, -15.34, -11.32
CIELCh	37, 19.063, 216.438
Yxy	9.3800, 0.2322, 0.3013
Android (android.graphics.Color)	4280573544 (0xFF245E68)
YUV	77.7980, 12.9176, -36.6568
Hunter-Lab	30.6267, -11.4646, -6.6825

Details

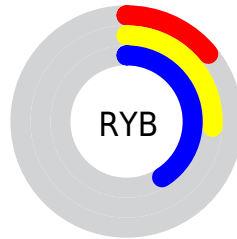
The Hex color **245E68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **682E24**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **59919B**, and **003039** is the 20% darker color. If you saturate the color by 10%, you get **1A5C68**, and if you desaturate by 10%, it is **2E6068**.

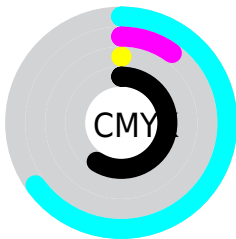
Distribution



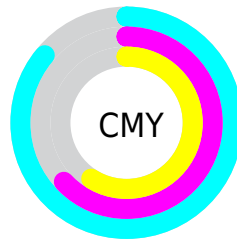
- Red (14%)
- Green (37%)
- Blue (41%)



- Red (14%)
- Yellow (26%)
- Blue (41%)



- Cyan (65%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (86%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245E68 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 245E68 by changing the saturation by 10% instead.

■ 245E68

■ 245E68

FFFFFF

■ 004650

■ 59919B

■ 003039

■ 74ABB6

■ 001C23

■ 8FC6D2

■ 00010D

■ AAE3EE

■ 000000

■ C6FFFF

■ E3FFFF

■ 245E68

■ 245E68

■ 1A5C68

■ 2E6068

0F5B68

396168

055968

436368

005968

4E6468

586668

626768

6D6968

776A68

826C68

Harmonies

Analogous

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



2B5F59



245E68



315B72

Triad

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



245E68



6D4D63



5E5638

Complementary

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



245E68



682E24

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.



6B513B



245E68



744B54

Square

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



245E68



5D516F



744D45



4D5B3D

Rectangle

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



245E68



3F5875



744D45



635538

Sweetspot

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



245E68



6C8387



24682D



344245



C4C4C4



454545

Same Dimension

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



245E68



1E7887



243D68



2E3233



006273



00CFF2

Inverse Universe

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



68245E



871E78



684F24



332E32



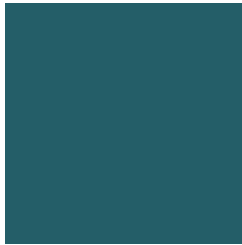
730062



F200CF

Previews

White Background



This preview shows how the Hex color 245E68 looks on a white background.

Color Contrast Check

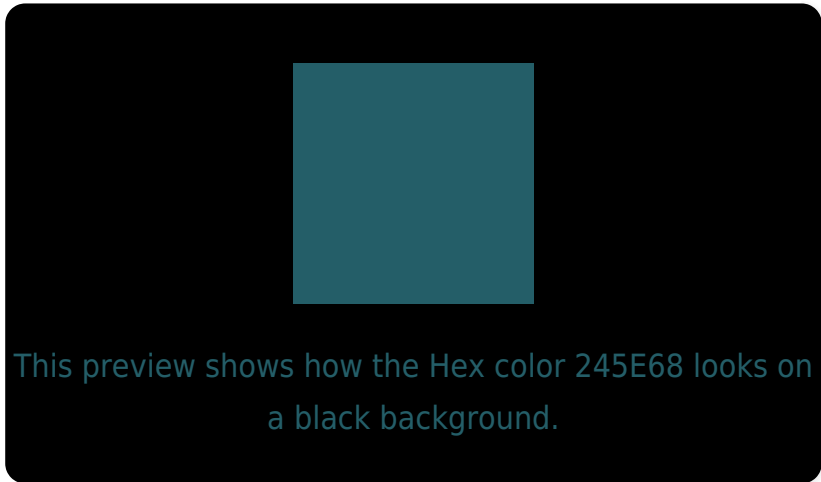
Large Text (above 18pt) WCAG AA ✓ Pass

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

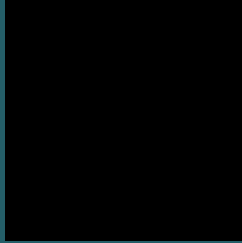
Any Text WCAG AA × Fail

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 245E68 Background



This preview shows how black text looks on a background with the Hex color 245E68.

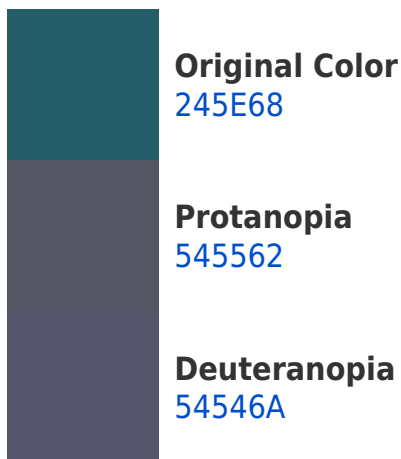



This preview shows how white text looks on a background with the Hex color 245E68.

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](#).

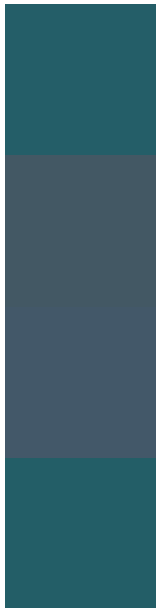
Dichromacy





Tritanopia
235E66

Trichromacy



Original Color
245E68

Protanomaly
435864

Deuteranomaly
435869

Tritanomaly
235E67

Monochromacy



Original Color
245E68

Achromatopsia
4E4E4E

Achromatomaly
3F5457

CSS Examples

Text

The CSS property to change the color of the text to Hex 245E68 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 #245E68 looks like.

```
.text, #text, p{  
    color:#245E68  
}
```

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 #245E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245E68
}
```

Border

The CSS property to change the border of an element to Hex 245E68 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
#245E68 }
```

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

```
.border{ border-color:#245E68 }
```

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

Here you see how a box with a 4 pixel #245E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245E68; -webkit-box-shadow:4px 4px  
4px 4px #245E68; box-shadow:4px 4px 4px  
4px #245E68 }
```

Background

The CSS property to change the background color of an element to Hex 245E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245E68 }
```

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

```
.background{ background-color:#245E68 }
```

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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