

Converting Colors

Hex(245F65)

Have a look what the booklet for
Hex(245F65) contains.

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Color

Hex(245F65)

Conversions

Conversions Part 1

Format	Color
Hex	245F65
RGB	36, 95, 101
RGB Percent	14%, 37%, 40%
CMY	0.8588, 0.6275, 0.6039
CMYK	0.64, 0.06, 0.00, 0.60
HSL	186°, 47%, 27%
HSV	186°, 64%, 40%
XYZ	7.1687, 9.4991, 13.7676
YIQ	78.0430, -37.0900, -10.6420

Conversions

Conversions Part 2

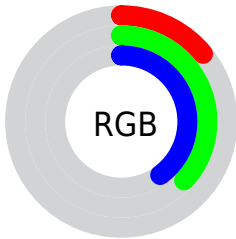
Format	Color
R_{YB}	36, 67, 101
Decimal	2383717
CIE _{Lab}	36.93, -16.88, -9.13
CIE _{LCh}	37, 19.194, 208.398
Yxy	9.4991, 0.2355, 0.3121
Android (android.graphics.Color)	4280573797 (0xFF245F65)
YUV	78.0430, 11.3178, -36.8717
Hunter-Lab	30.8206, -12.4177, -4.9105

Details

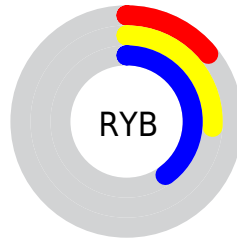
The Hex color **245F65** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **652A24**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **599298**, and **003036** is the 20% darker color. If you saturate the color by 10%, you get **1A5E65**, and if you desaturate by 10%, it is **2E6065**.

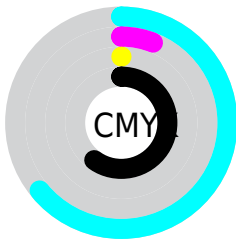
Distribution



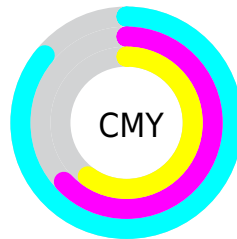
- Red (14%)
- Green (37%)
- Blue (40%)



- Red (14%)
- Yellow (26%)
- Blue (40%)



- Cyan (64%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (86%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245F65 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 245F65 by changing the saturation by 10% instead.

 245F65

 245F65

FFFFFF

 01474D

 599298

 003036

 73ACB3

 001D21

 8EC8CE

 000009

 AAE4EA

 000000

 C6FFFF

 E2FFFF

 245F65

 245F65

 1A5E65

 2E6065

105D65

386165

065C65

426265

005C65

4C6365

576465

616565

6B6665

756665

7F6765

Harmonies

Analogous

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



2F5F55



245F65



2C5D71

Triad

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



245F65



6A4E67



625638

Complementary

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



245F65



652A24

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.



6F503D



245F65



744B58

Square

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



245F65



585372



754C49



525A3B

Rectangle

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



245F65



395A75



754C49



675439

Sweetspot

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



245F65



698082



246529



334142



C2C2C2



424242

Same Dimension

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



245F65



1E7982



243F65



2E3333



006873



00DCF2

Inverse Universe

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



65245F



821E79



654A24



332E33



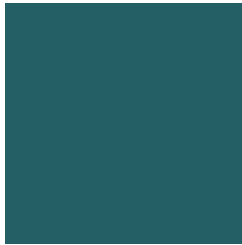
730068



F200DC

Previews

White Background



This preview shows how the Hex color 245F65 looks on a white background.

Color Contrast Check

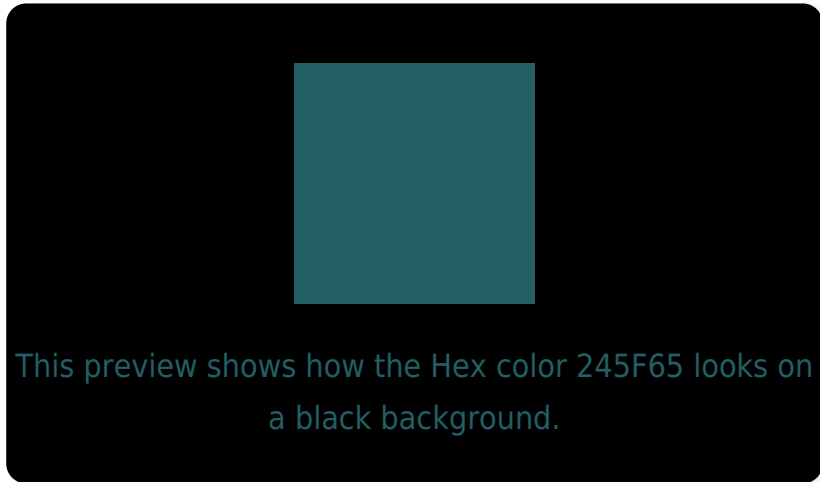
Large Text (above 18pt) WCAG AA ✓ Pass

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

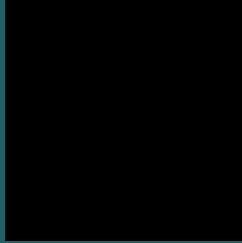
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

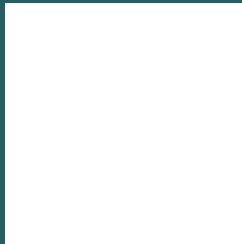
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 245F65 Background



This preview shows how black text looks on a background with the Hex color 245F65.

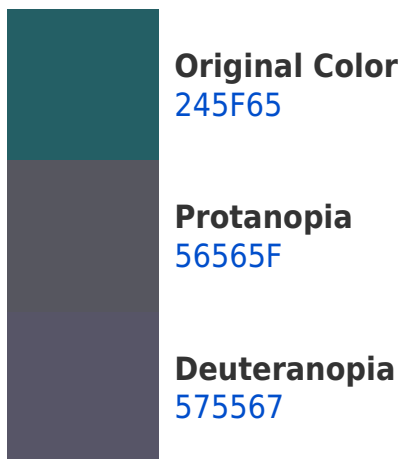


This preview shows how white text looks on a background with the Hex color 245F65.

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
255F66

Trichromacy



Original Color
245F65

Protanomaly
445961

Deuteranomaly
445966

Tritanomaly
255F66

Monochromacy



Original Color
245F65

Achromatopsia
4E4E4E

Achromatomaly
3F5456

CSS Examples

Text

The CSS property to change the color of the text to Hex 245F65 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 #245F65 looks like.

```
.text, #text, p{  
    color:#245F65  
}
```

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 #245F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245F65  
}
```

Border

The CSS property to change the border of an element to Hex 245F65 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  
#245F65 }
```

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

```
.border{ border-color:#245F65 }
```

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

Here you see how a box with a 4 pixel #245F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245F65; -webkit-box-shadow:4px 4px  
4px 4px #245F65; box-shadow:4px 4px 4px  
4px #245F65 }
```

Background

The CSS property to change the background color of an element to Hex 245F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245F65 }
```

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

```
.background{ background-color:#245F65 }
```

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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