

# Converting Colors

Hex(245347)

Have a look what the booklet for  
Hex(245347) contains.

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# Color

Hex(245347)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 245347                      |
| RGB           | 36, 83, 71                  |
| RGB Percent   | 14%, 33%, 28%               |
| CMY           | 0.8588, 0.6745, 0.7216      |
| CMYK          | 0.57, 0.00, 0.14, 0.67      |
| HSL           | 165°, 39%, 23%              |
| HSV           | 165°, 57%, 33%              |
| XYZ           | 4.9581, 7.0165, 7.0542      |
| YIQ           | 67.5790, -24.1600, -13.6960 |

# Conversions

## Conversions Part 2

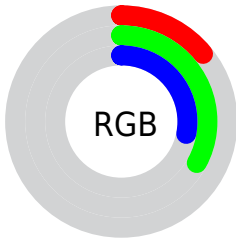
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 36, 63, 83                   |
| Decimal                             | 2380615                      |
| CIE Lab                             | 31.84, -19.40, 2.16          |
| CIE LCh                             | 32, 19.524, 173.637          |
| Yxy                                 | 7.0165, 0.2606,<br>0.3687    |
| Android<br>(android.graphics.Color) | 4280570695<br>(0xFF245347)   |
| YUV                                 | 67.5790, 1.6866,<br>-27.6948 |
| Hunter-Lab                          | 26.4887, -12.9437,<br>2.7525 |




# Details

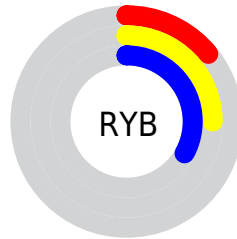
The Hex color **245347** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **532430**, and the grayscale version is **444444**.




A 20% lighter version of the original color is **558577**, and **00261C** is the 20% darker color. If you saturate the color by 10%, you get **1C5345**, and if you desaturate by 10%, it is **2C5349**.

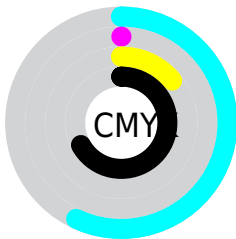
# Distribution







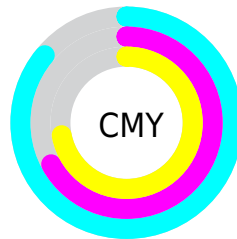
-  Red (14%)
-  Green (33%)
-  Blue (28%)






-  Red (14%)
-  Yellow (25%)
-  Blue (33%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (14%)
-  Black (67%)



-  Cyan (86%)
-  Magenta (67%)
-  Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 245347 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 245347 by changing the saturation by 10% instead.



 245347

 245347

FFFFFF

 093C31

 558577

 00261C

 6F9F91

 000D01

 89BAAB

 000000

 A4D6C7

 BFF2E3

 DBFFFF

 F8FFFF

 245347

 245347

■ 1C5345

■ 2C5349

■ 135343

■ 35534B

■ 0B5341

■ 3D534D

■ 03533F

■ 45534F

■ 00533E

■ 4D5352

■ 565354

■ 5E5356

■ 665358

■ 6F535A

# Harmonies

## Analogous

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



375138



245347



145357

# Triad

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



245347



484867



644433

# Complementary

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



245347



532430

# 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.



69403F



245347



5B435D

# Square

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



245347



304D69



663F4F



58492C

# Rectangle

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



245347



145260



663F4F



664236



# Sweetspot

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



245347



596B66



315324



2B3633



B5B5B5



363636



# Same Dimension

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



245347



226B59



244853



252928



00694E



00E8AD



# Inverse Universe

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



532430



6B2235



532F24



292526



69001B

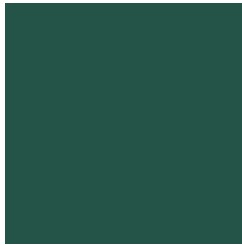


E8003B



# Previews

## White Background



This preview shows how the Hex color 245347 looks on a white background.

## Color Contrast Check

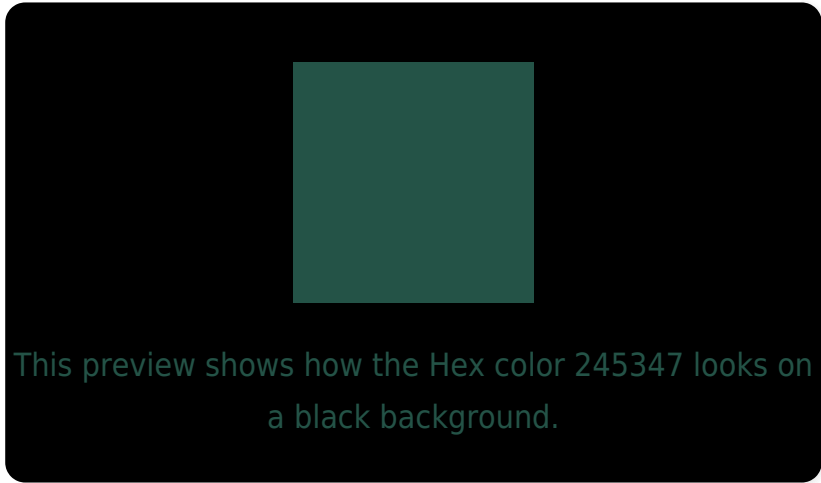
Large Text (above 18pt) WCAG AA ✓ Pass

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 245347 Background



This preview shows how black text looks on a background with the Hex color 245347.



This preview shows how white text looks on a background with the Hex color 245347.

# 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**  
245347

**Protanopia**  
4E4A42

**Deuteranopia**  
524849



**Tritanopia**  
2A5157

# Trichromacy



**Original Color**  
245347

**Protanomaly**  
3F4D44

**Deuteranomaly**  
414C48

**Tritanomaly**  
285251

# Monochromacy



**Original Color**  
245347

**Achromatopsia**  
444444

**Achromatomaly**  
384945

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 245347 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 #245347 looks like.

```
.text, #text, p{  
    color:#245347  
}
```

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 #245347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245347
}
```

## Border

The CSS property to change the border of an element to Hex 245347 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
#245347 }
```

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

```
.border{ border-color:#245347 }
```

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

Here you see how a box with a 4 pixel #245347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245347; -webkit-box-shadow:4px 4px  
4px 4px #245347; box-shadow:4px 4px 4px  
4px #245347 }
```

# Background

The CSS property to change the background color of an element to Hex 245347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245347 }
```

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

```
.background{ background-color:#245347 }
```

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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