

Converting Colors

Hex(245348)

Have a look what the booklet for
Hex(245348) contains.

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Color

Hex(245348)

Conversions

Conversions Part 1

Format	Color
Hex	245348
RGB	36, 83, 72
RGB Percent	14%, 33%, 28%
CMY	0.8588, 0.6745, 0.7176
CMYK	0.57, 0.00, 0.13, 0.67
HSL	166°, 39%, 23%
HSV	166°, 57%, 33%
XYZ	4.9905, 7.0295, 7.2247
YIQ	67.6930, -24.4810, -13.3850

Conversions

Conversions Part 2

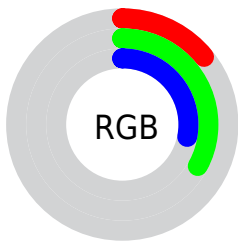
Format	Color
R_{YB}	36, 63, 83
Decimal	2380616
CIE _{Lab}	31.87, -19.12, 1.57
CIE _{LCh}	32, 19.189, 175.299
Yxy	7.0295, 0.2593, 0.3653
Android (android.graphics.Color)	4280570696 (0xFF245348)
YUV	67.6930, 2.1234, -27.7948
Hunter-Lab	26.5131, -12.7993, 2.4030




Details

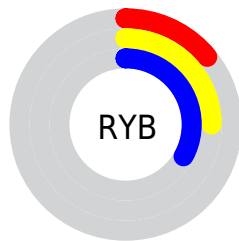
The Hex color **245348** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53242F**, and the grayscale version is **444444**.




A 20% lighter version of the original color is **558578**, and **00261D** is the 20% darker color. If you saturate the color by 10%, you get **1C5346**, and if you desaturate by 10%, it is **2C534A**.

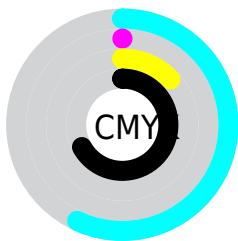
Distribution







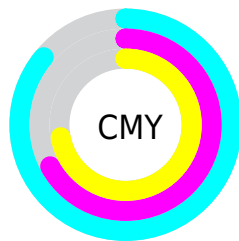
-  Red (14%)
-  Green (33%)
-  Blue (28%)






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



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (13%)
-  Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 245348 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 245348 by changing the saturation by 10% instead.

 245348

 245348

FFFFFF

 093C32

 558578

 00261D

 6F9F92

 000D03

 89BAAD

 000000

 A4D6C8

 BFF2E4

 DBFFFF

 F8FFFF

 245348

 245348

■ 1C5346

■ 2C534A

■ 135344

■ 35534C

■ 0B5342

■ 3D534E

■ 035340

■ 455350

■ 005340

■ 4D5352

■ 565354

■ 5E5356

■ 665358

■ 6F5359

Harmonies

Analogous

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



375139



245348



155357

Triad

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



245348



4A4866



634433

Complementary

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



245348



53242F

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



245348



5C435C

Square

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



245348



324D69



66404E



57492D

Rectangle

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



245348



175260



66404E



664336

Sweetspot

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



245348



596B67



305324



2B3633



B5B5B5



363636

Same Dimension

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



245348



226B5A



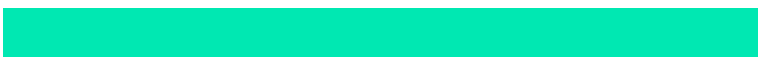
244753



252928



006950



00E8B2

Inverse Universe

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



53242F



6B2233



533024



292526



690018



E80036

Previews

White Background



This preview shows how the Hex color 245348 looks on a white background.

Color Contrast Check

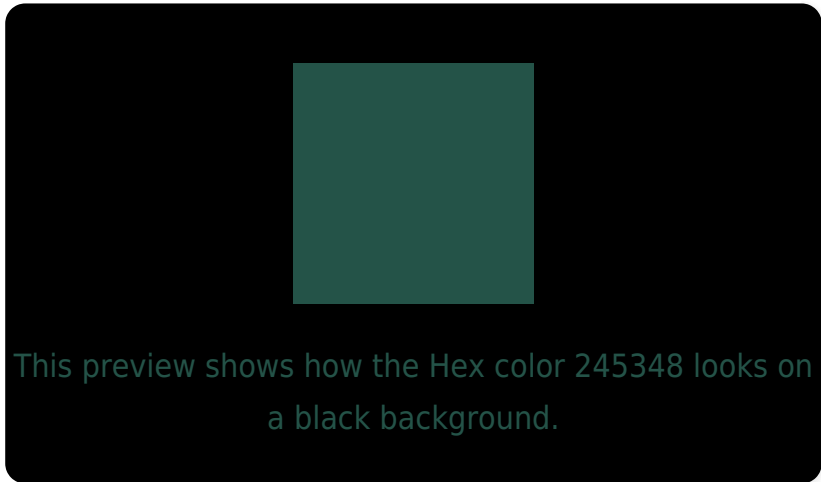
Large Text (above 18pt) WCAG AA ✓ Pass

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

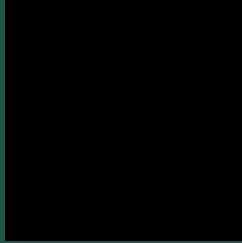
Any Text WCAG AA × Fail

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 245348 Background



This preview shows how black text looks on a background with the Hex color 245348.



This preview shows how white text looks on a background with the Hex color 245348.

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
245348

Protanopia
4E4A43

Deuteranopia
52484A



Tritanopia
295157

Trichromacy



Original Color
245348

Protanomaly
3F4D45

Deuteranomaly
414C49

Tritanomaly
275252

Monochromacy



Original Color
245348

Achromatopsia
444444

Achromatomaly
384945

CSS Examples

Text

The CSS property to change the color of the text to Hex 245348 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 #245348 looks like.

```
.text, #text, p{  
    color:#245348  
}
```

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 #245348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245348
}
```

Border

The CSS property to change the border of an element to Hex 245348 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
#245348 }
```

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

```
.border{ border-color:#245348 }
```

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

Here you see how a box with a 4 pixel #245348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245348; -webkit-box-shadow:4px 4px  
4px 4px #245348; box-shadow:4px 4px 4px  
4px #245348 }
```

Background

The CSS property to change the background color of an element to Hex 245348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245348 }
```

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

```
.background{ background-color:#245348 }
```

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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