

Converting Colors

Hex(245145)

Have a look what the booklet for
Hex(245145) contains.

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Color

Hex(245145)

Conversions

Conversions Part 1

Format	Color
Hex	245145
RGB	36, 81, 69
RGB Percent	14%, 32%, 27%
CMY	0.8588, 0.6824, 0.7294
CMYK	0.56, 0.00, 0.15, 0.68
HSL	164°, 38%, 23%
HSV	164°, 56%, 32%
XYZ	4.7442, 6.6896, 6.6714
YIQ	66.1770, -22.9680, -13.2720

Conversions

Conversions Part 2

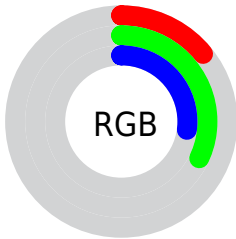
Format	Color
RYB	36, 62, 81
Decimal	2380101
CIELab	31.09, -18.88, 2.34
CIELCh	31, 19.021, 172.926
Yxy	6.6896, 0.2620, 0.3695
Android (android.graphics.Color)	4280570181 (0xFF245145)
YUV	66.1770, 1.3917, -26.4652
Hunter-Lab	25.8643, -12.5210, 2.8118




Details

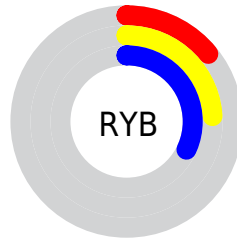
The Hex color **245145** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512430**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **558375**, and **00241A** is the 20% darker color. If you saturate the color by 10%, you get **1C5143**, and if you desaturate by 10%, it is **2C5147**.

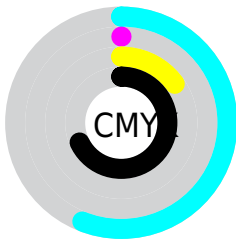
Distribution







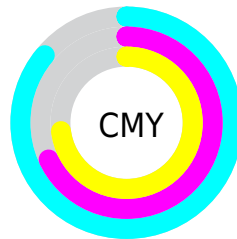
-  Red (14%)
-  Green (32%)
-  Blue (27%)






-  Red (14%)
-  Yellow (24%)
-  Blue (32%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (15%)
-  Black (68%)



-  Cyan (86%)
-  Magenta (68%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245145 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 245145 by changing the saturation by 10% instead.

■ 245145

■ 245145

FFFFFF

■ 0A3A2F

■ 558375

■ 00241A

■ 6E9D8F

■ 000700

■ 88B8A9

■ 000000

■ A3D4C4

■ BEF0E0

■ DBFFFD

■ F7FFFF

■ 245145

■ 245145

■ 1C5143

■ 2C5147

■ 145141

■ 345149

■ 0C513F

■ 3C514B

■ 04513C

■ 44514E

■ 00513B

■ 4D5150

■ 555152

■ 5D5154

■ 655156

■ 6D5158

Harmonies

Analogous

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



364F37



245145



145154

Triad

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



245145



464764



614232

Complementary

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



245145



512430

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.



663E3E



245145



59415B

Square

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



245145



2F4C66



643E4D



56472C

Rectangle

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



245145



14505D



643E4D



644136

Sweetspot

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



245145



576964



305124



2B3633



B5B5B5



363636

Same Dimension

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



245145



236956



244651



252928



00694D



00E8AA

Inverse Universe

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



512430



692335



512F24



292526



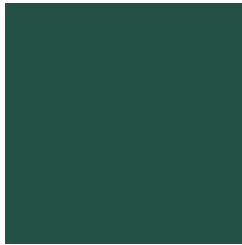
69001C



E8003E

Previews

White Background



This preview shows how the Hex color 245145 looks on a white background.

Color Contrast Check

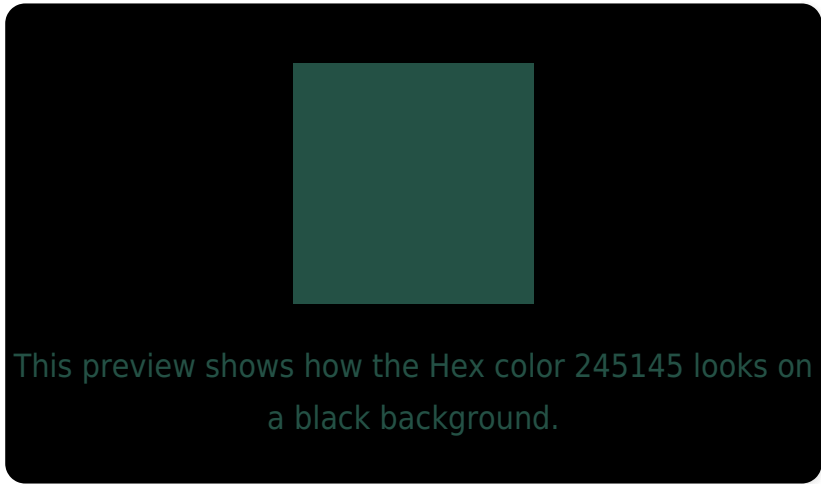
Large Text (above 18pt) WCAG AA ✓ Pass

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

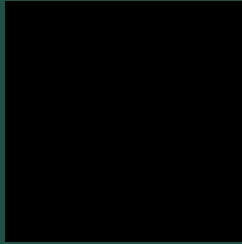
Any Text WCAG AA × Fail

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 245145 Background



This preview shows how black text looks on a background with the Hex color 245145.



This preview shows how white text looks on a background with the Hex color 245145.

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
245145

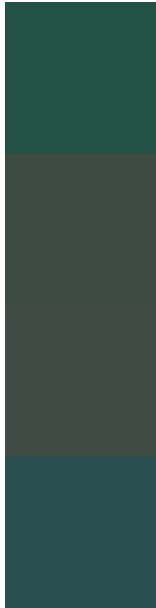
Protanopia
4C4941

Deuteranopia
514747



Tritanopia
294F55

Trichromacy



Original Color
245145

Protanomaly
3D4C42

Deuteranomaly
414B46

Tritanomaly
27504F

Monochromacy



Original Color
245145

Achromatopsia
424242

Achromatomaly
374743

CSS Examples

Text

The CSS property to change the color of the text to Hex 245145 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 #245145 looks like.

```
.text, #text, p{  
    color:#245145  
}
```

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 #245145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245145
}
```

Border

The CSS property to change the border of an element to Hex 245145 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".

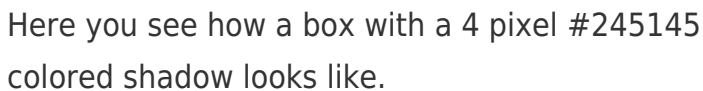
```
.border, #border, table{ border:4px solid
#245145 }
```

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

```
.border{ border-color:#245145 }
```

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

Here you see how a box with a 4 pixel #245145 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245145; -webkit-box-shadow:4px 4px  
4px 4px #245145; box-shadow:4px 4px 4px  
4px #245145 }
```

Background

The CSS property to change the background color of an element to Hex 245145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245145 }
```

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

```
.background{ background-color:#245145 }
```

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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