

Converting Colors

Hex(245956)

Have a look what the booklet for
Hex(245956) contains.

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Color

Hex(245956)

Conversions

Conversions Part 1

Format	Color
Hex	245956
RGB	36, 89, 86
RGB Percent	14%, 35%, 34%
CMY	0.8588, 0.6510, 0.6627
CMYK	0.60, 0.00, 0.03, 0.65
HSL	177°, 42%, 25%
HSV	177°, 60%, 35%
XYZ	5.9796, 8.1917, 10.0701
YIQ	72.8110, -30.6250, -12.1690

Conversions

Conversions Part 2

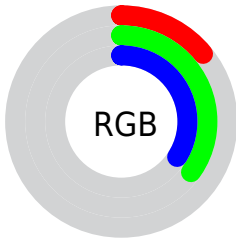
Format	Color
R _Y B	36, 63, 89
Decimal	2382166
CIE Lab	34.38, -18.29, -3.59
CIE LCh	34, 18.638, 191.091
Yxy	8.1917, 0.2467, 0.3379
Android (android.graphics.Color)	4280572246 (0xFF245956)
YUV	72.8110, 6.5022, -32.2832
Hunter-Lab	28.6212, -12.7941, -0.8258




Details

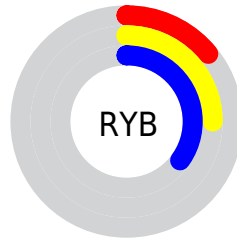
The Hex color **245956** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **592427**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **578B88**, and **002B29** is the 20% darker color. If you saturate the color by 10%, you get **1B5955**, and if you desaturate by 10%, it is **2D5957**.

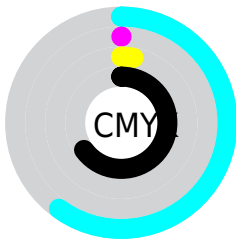
Distribution







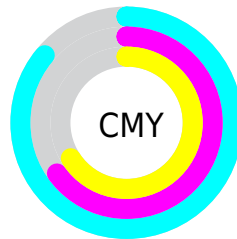
-  Red (14%)
-  Green (35%)
-  Blue (34%)






-  Red (14%)
-  Yellow (25%)
-  Blue (35%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (65%)



-  Cyan (86%)
-  Magenta (65%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245956 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 245956 by changing the saturation by 10% instead.

 245956

 245956

FFFFFF

 05413F

 578B88

 002B29

 71A6A2

 001815

 8BC1BD

 000000

 A6DDD9

 C2FAF5

 DFFFFFF

 FFFFFFF

 245956

 245956

■ 1B5955

■ 2D5957

■ 125955

■ 365957

■ 095954

■ 3F5958

■ 005954

■ 485958

■ 515959

■ 595959

■ 62595A

■ 6B595A

■ 74595B

Harmonies

Analogous

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



345847



245956



205864

Triad

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



245956



5A4B67



634D35

Complementary

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



245956



592427

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.



6C483E



245956



68475B

Square

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



245956



45506E



6E464C



565234

Rectangle

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



245956



29566A



6E464C



674B37

Sweetspot

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



245956



5E7372



285924



2E3B3A



BABABA



3B3B3B

Same Dimension

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



245956



21736E



244259



272B2B



006B65



00EBDD

Inverse Universe

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



592427



732126



593B24



2B2727



6B0006



EB000D

Previews

White Background



This preview shows how the Hex color 245956 looks on a white background.

Color Contrast Check

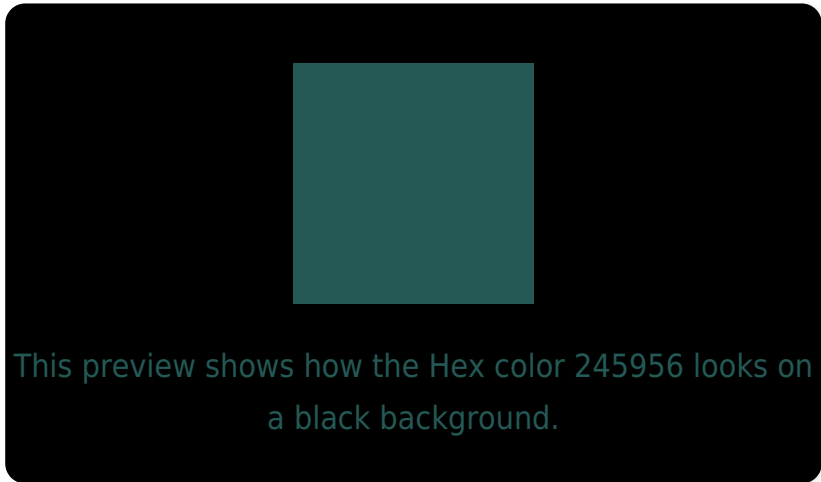
Large Text (above 18pt) WCAG AA ✓ Pass

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

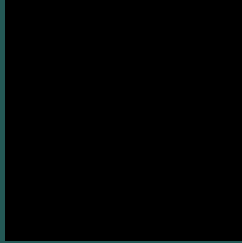
Any Text WCAG AA × Fail

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 245956 Background



This preview shows how black text looks on a background with the Hex color 245956.



This preview shows how white text looks on a background with the Hex color 245956.

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](#).

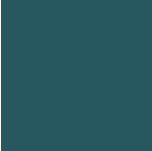
Dichromacy



Original Color
245956

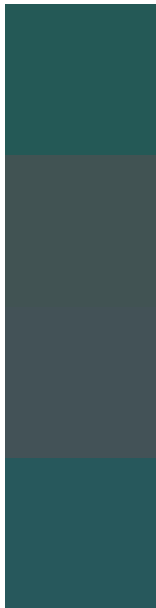
Protanopia
525051

Deuteranopia
554E58



Tritanopia
28585F

Trichromacy



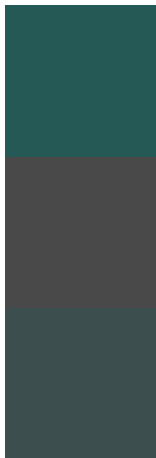
Original Color
245956

Protanomaly
415353

Deuteranomaly
435257

Tritanomaly
27585C

Monochromacy



Original Color
245956

Achromatopsia
494949

Achromatomaly
3C4F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 245956 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 #245956 looks like.

```
.text, #text, p{  
    color:#245956  
}
```

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 #245956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245956
}
```

Border

The CSS property to change the border of an element to Hex 245956 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
#245956 }
```

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

```
.border{ border-color:#245956 }
```

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

Here you see how a box with a 4 pixel #245956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245956; -webkit-box-shadow:4px 4px  
4px 4px #245956; box-shadow:4px 4px 4px  
4px #245956 }
```

Background

The CSS property to change the background color of an element to Hex 245956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245956 }
```

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

```
.background{ background-color:#245956 }
```

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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