

# Converting Colors

Hex(245156)

Have a look what the booklet for  
Hex(245156) contains.

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# Color

**Hex(245156)**

# Conversions

## Conversions Part 1

Format	Color
Hex	245156
RGB	36, 81, 86
RGB Percent	14%, 32%, 34%
CMY	0.8588, 0.6824, 0.6627
CMYK	0.58, 0.06, 0.00, 0.66
HSL	186°, 41%, 24%
HSV	186°, 58%, 34%
XYZ	5.3497, 6.9318, 9.8601
YIQ	68.1150, -28.4250, -7.9850

# Conversions

## Conversions Part 2

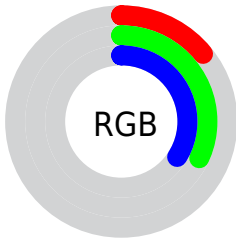
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 60, 86
Decimal	2380118
CIE <sub>Lab</sub>	31.65, -13.78, -7.66
CIE <sub>LCh</sub>	32, 15.760, 209.061
Yxy	6.9318, 0.2416, 0.3131
Android (android.graphics.Color)	4280570198 (0xFF245156)
YUV	68.1150, 8.8173, -28.1649
Hunter-Lab	26.3283, -9.8049, -3.7746

# Details

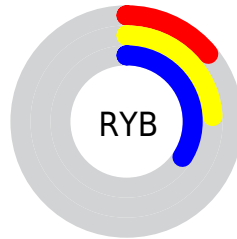
The Hex color **245156** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **562924**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **568288**, and **002429** is the 20% darker color. If you saturate the color by 10%, you get **1B5056**, and if you desaturate by 10%, it is **2D5256**.

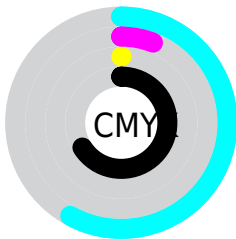
# Distribution



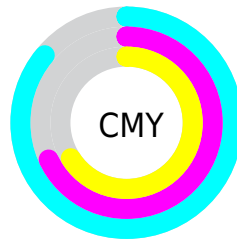
- Red (14%)
- Green (32%)
- Blue (34%)



- Red (14%)
- Yellow (24%)
- Blue (34%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (66%)



- Cyan (86%)
- Magenta (68%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 245156 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 245156 by changing the saturation by 10% instead.



■ 245156

■ 245156

FFFFFF

■ 073A3F

■ 568288

■ 002429

■ 709DA2

■ 000C15

■ 8AB8BD

■ 000000

■ A5D3D9

■ C1F0F5

■ DDFFFF

■ FAFFFF

■ 245156

■ 245156

■ 1B5056

■ 2D5256

■ 134F56

■ 355356

■ 0A4E56

■ 3E5456

■ 024E56

■ 465456

■ 004D56

■ 4F5556

■ 585656

■ 605756

■ 695856

■ 715956

# Harmonies

## Analogous

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



2B514A



245156



2A4F5F

# Triad

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



245156



5A4357



544A32

# Complementary

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



245156



562924

# 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.



5E4536



245156



62414B

# Square

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



245156



4C4760



63423F



474D35

# Rectangle

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



245156



344D62



63423F



574832



# Sweetspot

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



245156



5D6E70



245629



2D3738



B8B8B8



383838



# Same Dimension

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



245156



226870



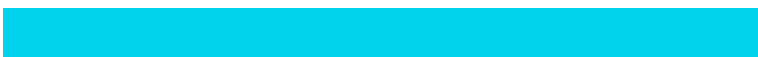
243856



272B2B



00606B



00D3EB



# Inverse Universe

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



562451



702268



564224



2B272B



6B0060

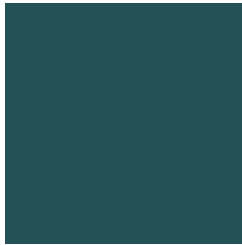


EB00D3



# Previews

## White Background



This preview shows how the Hex color 245156 looks on a white background.

## Color Contrast Check

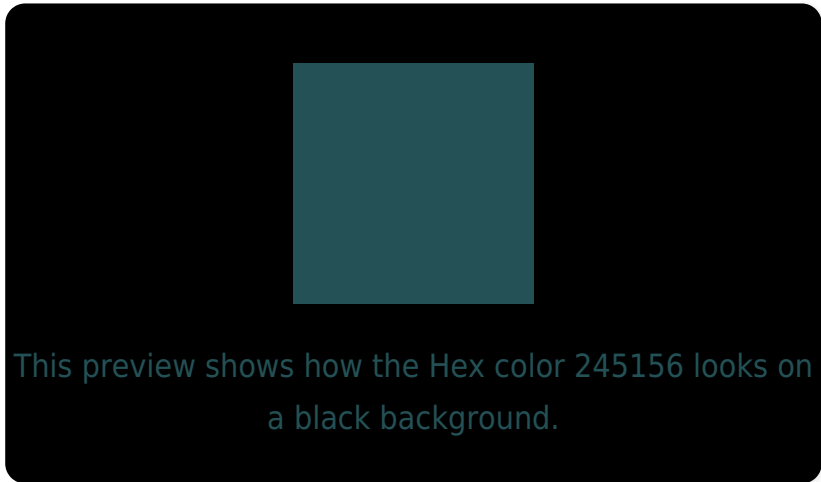
Large Text (above 18pt) WCAG AA ✓ Pass

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

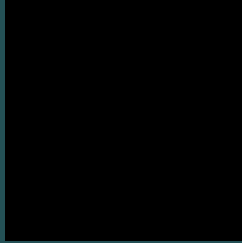
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

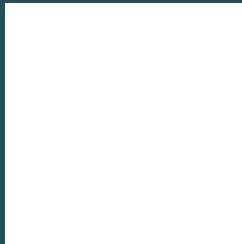
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 245156 Background



This preview shows how black text looks on a background with the Hex color 245156.



This preview shows how white text looks on a background with the Hex color 245156.

# 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**  
245156

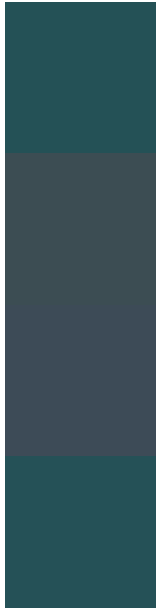
**Protanopia**  
494A51

**Deuteranopia**  
4B4858



**Tritanopia**  
255157

# Trichromacy



**Original Color**  
245156

**Protanomaly**  
3C4D53

**Deuteranomaly**  
3D4B57

**Tritanomaly**  
255157

# Monochromacy



**Original Color**  
245156

**Achromatopsia**  
444444

**Achromatomaly**  
38494B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 245156 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 #245156 looks like.

```
.text, #text, p{  
    color:#245156  
}
```

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 #245156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245156
}
```

## Border

The CSS property to change the border of an element to Hex 245156 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
#245156 }
```

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

```
.border{ border-color:#245156 }
```

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

Here you see how a box with a 4 pixel #245156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245156; -webkit-box-shadow:4px 4px  
4px 4px #245156; box-shadow:4px 4px 4px  
4px #245156 }
```

# Background

The CSS property to change the background color of an element to Hex 245156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245156 }
```

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

```
.background{ background-color:#245156 }
```

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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