

Converting Colors

Hex(245456)

Have a look what the booklet for
Hex(245456) contains.

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Color

Hex(245456)

Conversions

Conversions Part 1

Format	Color
Hex	245456
RGB	36, 84, 86
RGB Percent	14%, 33%, 34%
CMY	0.8588, 0.6706, 0.6627
CMYK	0.58, 0.02, 0.00, 0.66
HSL	182°, 41%, 24%
HSV	182°, 58%, 34%
XYZ	5.5776, 7.3876, 9.9361
YIQ	69.8760, -29.2500, -9.5540

Conversions

Conversions Part 2

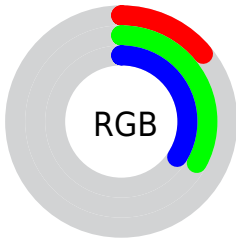
Format	Color
R _Y B	36, 60, 86
Decimal	2380886
CIE Lab	32.67, -15.50, -6.12
CIE LCh	33, 16.665, 201.556
Yxy	7.3876, 0.2435, 0.3226
Android (android.graphics.Color)	4280570966 (0xFF245456)
YUV	69.8760, 7.9491, -29.7093
Hunter-Lab	27.1801, -10.9356, -2.6482

Details

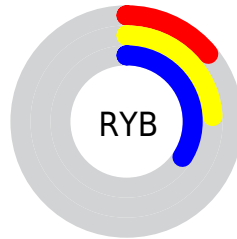
The Hex color **245456** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **562624**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **568688**, and **002729** is the 20% darker color. If you saturate the color by 10%, you get **1B5456**, and if you desaturate by 10%, it is **2D5456**.

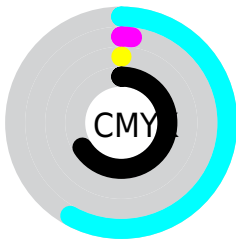
Distribution



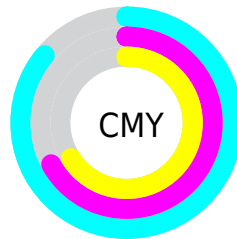
- Red (14%)
- Green (33%)
- Blue (34%)



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



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (66%)



- Cyan (86%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245456 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 245456 by changing the saturation by 10% instead.

■ 245456

■ 245456

FFFFFF

■ 073D3F

■ 568688

■ 002729

■ 70A0A2

■ 001215

■ 8ABBBB

■ 000000

■ A5D7D9

■ C1F3F5

■ DDDFFF

■ FAFFFF

■ 245456

■ 245456

■ 1B5456

■ 2D5456

■ 135356

■ 355556

■ 0A5356

■ 3E5556

■ 025356

■ 465556

■ 005356

■ 4F5656

■ 585656

■ 605656

■ 695756

■ 715756

Harmonies

Analogous

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



2E5449



245456



275261

Triad

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



245456



5A465D



5A4B33

Complementary

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



245456



562624

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.



634639



245456



644351

Square

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



245456



4A4B65



674444



4C4F34

Rectangle

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



245456



305065



674444



5D4934

Sweetspot

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



245456



5D6F70



245626



2D3838



B8B8B8



383838

Same Dimension

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



245456



226D70



243B56



272B2B



00676B



00E1EB

Inverse Universe

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



562454



70226D



563F24



2B272B



6B0067



EB00E1

Previews

White Background



This preview shows how the Hex color 245456 looks on a white background.

Color Contrast Check

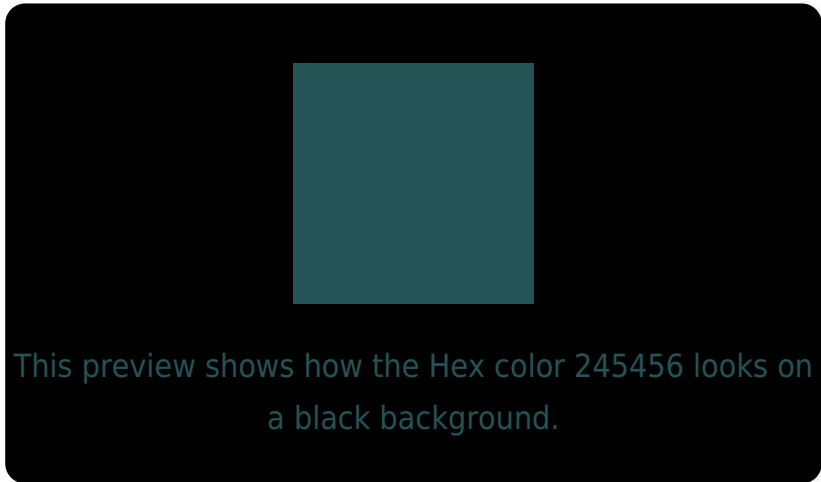
Large Text (above 18pt) WCAG AA ✓ Pass

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

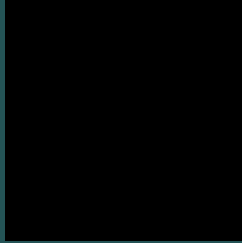
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

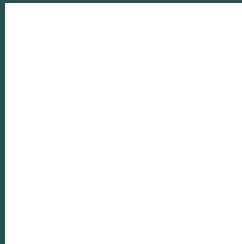
Any Text WCAG AAA × Fail

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

Hex 245456 Background



This preview shows how black text looks on a background with the Hex color 245456.



This preview shows how white text looks on a background with the Hex color 245456.

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](#).

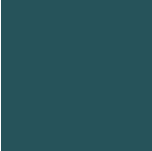
Dichromacy



Original Color
245456

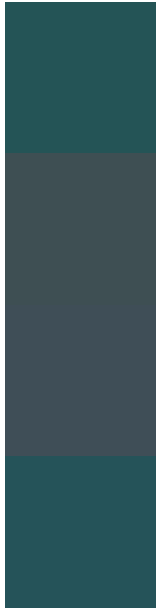
Protanopia
4D4C51

Deuteranopia
4F4B58



Tritanopia
26535A

Trichromacy



Original Color
245456

Protanomaly
3E4F53

Deuteranomaly
3F4E57

Tritanomaly
255359

Monochromacy



Original Color
245456

Achromatopsia
464646

Achromatomaly
3A4B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 245456 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 #245456 looks like.

```
.text, #text, p{  
    color:#245456  
}
```

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 #245456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245456
}
```

Border

The CSS property to change the border of an element to Hex 245456 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
#245456 }
```

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

```
.border{ border-color:#245456 }
```

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

Here you see how a box with a 4 pixel #245456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245456; -webkit-box-shadow:4px 4px  
4px 4px #245456; box-shadow:4px 4px 4px  
4px #245456 }
```

Background

The CSS property to change the background color of an element to Hex 245456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245456 }
```

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

```
.background{ background-color:#245456 }
```

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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