

Converting Colors

Hex(245650)

Have a look what the booklet for
Hex(245650) contains.

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Color

Hex(245650)

Conversions

Conversions Part 1

Format	Color
Hex	245650
RGB	36, 86, 80
RGB Percent	14%, 34%, 31%
CMY	0.8588, 0.6627, 0.6863
CMYK	0.58, 0.00, 0.07, 0.66
HSL	173°, 41%, 24%
HSV	173°, 58%, 34%
XYZ	5.5033, 7.6098, 8.7682
YIQ	70.3660, -27.8740, -12.4660

Conversions

Conversions Part 2

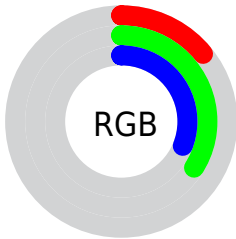
Format	Color
R_{YB}	36, 63, 86
Decimal	2381392
CIE _{Lab}	33.16, -18.45, -1.61
CIE _{LCh}	33, 18.519, 184.999
Yxy	7.6098, 0.2515, 0.3478
Android (android.graphics.Color)	4280571472 (0xFF245650)
YUV	70.3660, 4.7496, -30.1390
Hunter-Lab	27.5859, -12.6651, 0.4648

Details

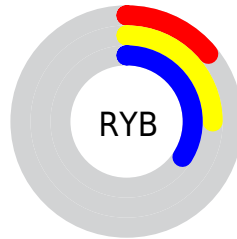
The Hex color **245650** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56242A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **568881**, and **002824** is the 20% darker color. If you saturate the color by 10%, you get **1B564F**, and if you desaturate by 10%, it is **2D5651**.

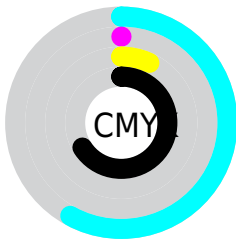
Distribution



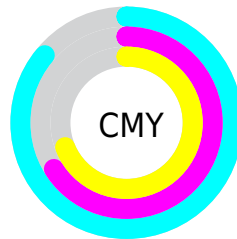
- Red (14%)
- Green (34%)
- Blue (31%)



- Red (14%)
- Yellow (25%)
- Blue (34%)



- Cyan (58%)
- Magenta (0%)
- Yellow (7%)
- Black (66%)



- Cyan (86%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 245650 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 245650 by changing the saturation by 10% instead.

 245650

 245650

FFFFFF

 073F39

 568881

 002824

 70A29B

 00140E

 8ABEB6

 000000

 A5D9D1

 C1F6EE

 DDFFFF

 FAFFFF

 245650

 245650

■ 1B564F

■ 2D5651

■ 13564E

■ 355652

■ 0A564D

■ 3E5653

■ 02564C

■ 465654

■ 00564C

■ 4F5655

■ 585656

■ 605657

■ 695658

■ 715659

Harmonies

Analogous

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



355541



245650



1C555E

Triad

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



245650



534966



624934

Complementary

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



245650



56242A

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.



6A453E



245650



63455B

Square

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



245650



3E4F6B



6A434C



564E31

Rectangle

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



245650



225465



6A434C



664737

Sweetspot

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



245650



5D706E



2B5624



2D3837



B8B8B8



383838

Same Dimension

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



245650



227067



244456



272B2B



006B5E



00EBCE

Inverse Universe

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



56242A



70222B



563624



2B2728



6B000D



EB001C

Previews

White Background



This preview shows how the Hex color 245650 looks on a white background.

Color Contrast Check

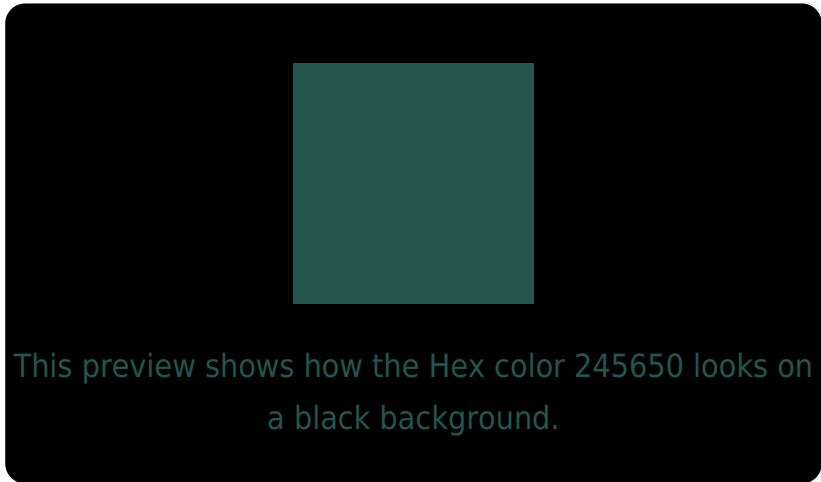
Large Text (above 18pt) WCAG AA ✓ Pass

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

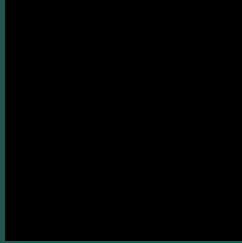
Any Text WCAG AA × Fail

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 245650 Background



This preview shows how black text looks on a background with the Hex color 245650.



This preview shows how white text looks on a background with the Hex color 245650.

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
245650

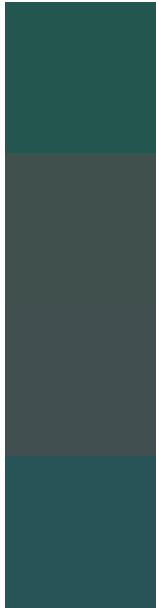
Protanopia
504D4B

Deuteranopia
534B52



Tritanopia
28545B

Trichromacy



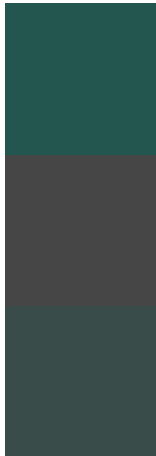
Original Color
245650

Protanomaly
40504D

Deuteranomaly
424F51

Tritanomaly
275557

Monochromacy



Original Color
245650

Achromatopsia
464646

Achromatomaly
3A4C4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 245650 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 #245650 looks like.

```
.text, #text, p{  
    color:#245650  
}
```

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 #245650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #245650
}
```

Border

The CSS property to change the border of an element to Hex 245650 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
#245650 }
```

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

```
.border{ border-color:#245650 }
```

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

Here you see how a box with a 4 pixel #245650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #245650; -webkit-box-shadow:4px 4px  
4px 4px #245650; box-shadow:4px 4px 4px  
4px #245650 }
```

Background

The CSS property to change the background color of an element to Hex 245650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#245650 }
```

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

```
.background{ background-color:#245650 }
```

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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