

Converting Colors

Hex(255746)

Have a look what the booklet for
Hex(255746) contains.

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Color

Hex(255746)

Conversions

Conversions Part 1

Format	Color
Hex	255746
RGB	37, 87, 70
RGB Percent	15%, 34%, 27%
CMY	0.8549, 0.6588, 0.7255
CMYK	0.57, 0.00, 0.20, 0.66
HSL	160°, 40%, 24%
HSV	160°, 57%, 34%
XYZ	5.2766, 7.6519, 6.9932
YIQ	70.1120, -24.3430, -15.8870

Conversions

Conversions Part 2

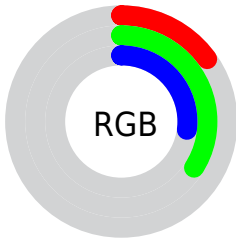
Format	Color
R _Y B	37, 67, 87
Decimal	2447174
CIE Lab	33.25, -21.53, 4.81
CIE LCh	33, 22.063, 167.396
Yxy	7.6519, 0.2649, 0.3841
Android (android.graphics.Color)	4280637254 (0xFF255746)
YUV	70.1120, -0.0552, -29.0392
Hunter-Lab	27.6621, -14.3591, 4.3744

Details

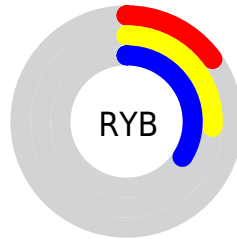
The Hex color **255746** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **572536**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **578976**, and **00291B** is the 20% darker color. If you saturate the color by 10%, you get **1C5743**, and if you desaturate by 10%, it is **2E5749**.

Distribution



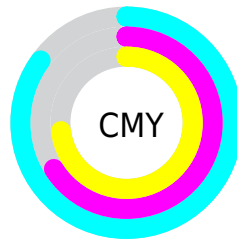
- Red (15%)
- Green (34%)
- Blue (27%)



- Red (15%)
- Yellow (26%)
- Blue (34%)



- Cyan (57%)
- Magenta (0%)
- Yellow (20%)
- Black (66%)



- Cyan (85%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255746 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 255746 by changing the saturation by 10% instead.

 255746

 255746

FFFFFF

 0A3F30

 578976

 00291B

 70A490

 001400

 8ABFAA

 000000

 A5DBC6

 C1F7E2

 DDFFFE

 FAFFFF

 255746

 255746

■ 1C5743

■ 2E5749

■ 145740

■ 36574C

■ 0B573D

■ 3F574F

■ 02573A

■ 485752

■ 005739

■ 515755

■ 595758

■ 62575B

■ 6B575E

■ 735761

Harmonies

Analogous

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



3C5536



255746



095758

Triad

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



255746



454C6F



6C4535

Complementary

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



255746



572536

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.



704145



255746



5D4666

Square

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



255746



275270



6B4156



604B2C

Rectangle

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



255746



005763



6B4156



6E433A

Sweetspot

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



255746



5D706A



375725



2D3834



B8B8B8



383838

Same Dimension

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



255746



237056



254F57



272B2A



006B47



00EB9B

Inverse Universe

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



572536



70233D



572D25



2B2728



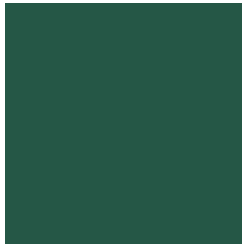
6B0024



EB0050

Previews

White Background



This preview shows how the Hex color 255746 looks on a white background.

Color Contrast Check

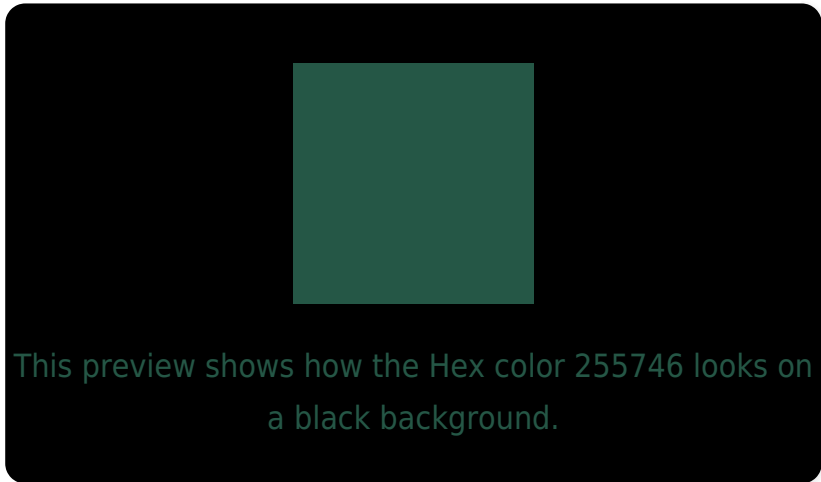
Large Text (above 18pt) WCAG AA ✓ Pass

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

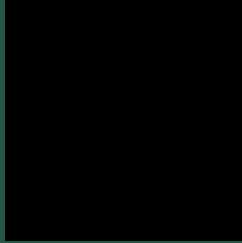
Any Text WCAG AA × Fail

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 255746 Background



This preview shows how black text looks on a background with the Hex color 255746.



This preview shows how white text looks on a background with the Hex color 255746.

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](#).

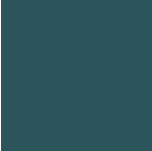
Dichromacy



Original Color
255746

Protanopia
524E41

Deuteranopia
574B49



Tritanopia
2C545B

Trichromacy



Original Color
255746

Protanomaly
425143

Deuteranomaly
454F48

Tritanomaly
295553

Monochromacy



Original Color
255746

Achromatopsia
464646

Achromatomaly
3A4C46

CSS Examples

Text

The CSS property to change the color of the text to Hex 255746 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 #255746 looks like.

```
.text, #text, p{  
    color:#255746  
}
```

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 #255746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255746
}
```

Border

The CSS property to change the border of an element to Hex 255746 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
#255746 }
```

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

```
.border{ border-color:#255746 }
```

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

Here you see how a box with a 4 pixel #255746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255746; -webkit-box-shadow:4px 4px  
4px 4px #255746; box-shadow:4px 4px 4px  
4px #255746 }
```

Background

The CSS property to change the background color of an element to Hex 255746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255746 }
```

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

```
.background{ background-color:#255746 }
```

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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