

Converting Colors

Hex(255840)

Have a look what the booklet for
Hex(255840) contains.

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Color

Hex(255840)

Conversions

Conversions Part 1

Format	Color
Hex	255840
RGB	37, 88, 64
RGB Percent	15%, 35%, 25%
CMY	0.8549, 0.6549, 0.7490
CMYK	0.58, 0.00, 0.27, 0.65
HSL	152°, 41%, 25%
HSV	152°, 58%, 35%
XYZ	5.1781, 7.7429, 6.0721
YIQ	70.0150, -22.6920, -18.2760

Conversions

Conversions Part 2

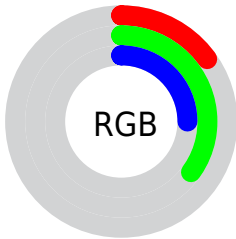
Format	Color
R_{YB}	37, 70, 88
Decimal	2447424
CIE Lab	33.44, -23.57, 8.83
CIE LCh	33, 25.166, 159.452
Yxy	7.7429, 0.2726, 0.4077
Android (android.graphics.Color)	4280637504 (0xFF255840)
YUV	70.0150, -2.9654, -28.9542
Hunter-Lab	27.8261, -15.4791, 6.5402

Details

The Hex color **255840** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58253D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **578A70**, and **002A15** is the 20% darker color. If you saturate the color by 10%, you get **1C583C**, and if you desaturate by 10%, it is **2E5844**.

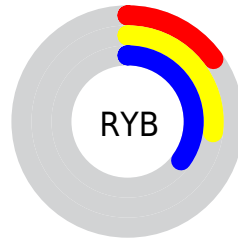
Distribution



Red (15%)

Green (35%)

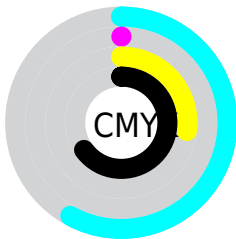
Blue (25%)



Red (15%)

Yellow (27%)

Blue (35%)

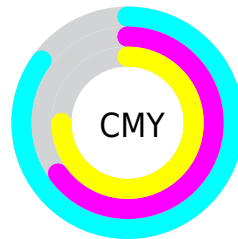


Cyan (58%)

Magenta (0%)

Yellow (27%)

Black (65%)



Cyan (85%)

Magenta (65%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255840 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 255840 by changing the saturation by 10% instead.

 255840

 255840

FFFFFF

 0A402A

 578A70

 002A15

 70A589

 001400

 8AC0A3

 000000

 A5DCBF

 C1F9DA

 DDFFF7

 FAFFFF

 255840

 255840

■ 1C583C

■ 2E5844

■ 135838

■ 375848

■ 0B5834

■ 3F584C

■ 02582F

■ 485851

■ 00582F

■ 515855

■ 5A5859

■ 63585D

■ 6B5861

■ 745865

Harmonies

Analogous

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



3F552F



255840



005954

Triad

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



255840



3B4F76



724236

Complementary

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



255840



58253D

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.



753F49



255840



59476D

Square

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



255840



0C5474



6C415D



674929

Rectangle

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



255840



005962



6C415D



74403C

Sweetspot

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



255840



5F736A



3E5825



2F3B35



BABABA



3B3B3B

Same Dimension

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



255840



22734D



255758



272B29



006B39



00EB7C

Inverse Universe

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



58253D



732248



582625



2B2729



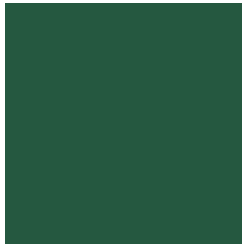
6B0032



EB006E

Previews

White Background



This preview shows how the Hex color 255840 looks on a white background.

Color Contrast Check

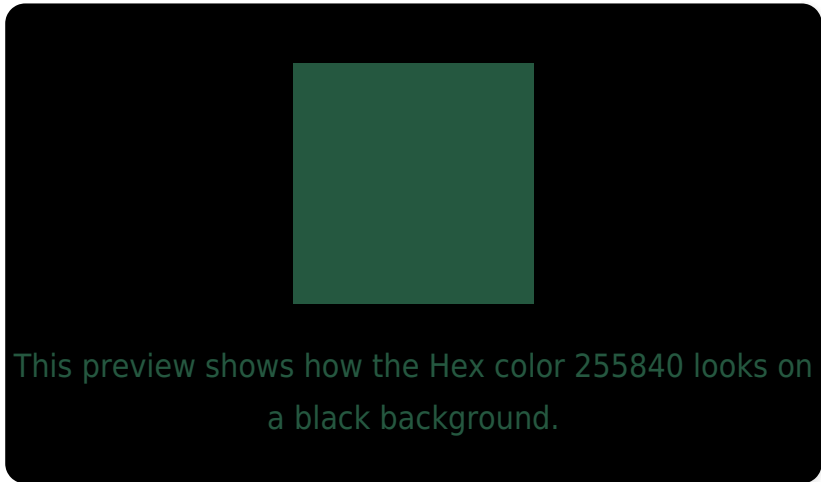
Large Text (above 18pt) WCAG AA ✓ Pass

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

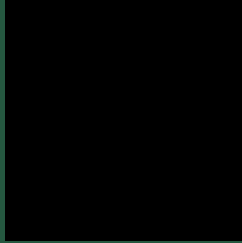
Any Text WCAG AA × Fail

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 255840 Background



This preview shows how black text looks on a background with the Hex color 255840.

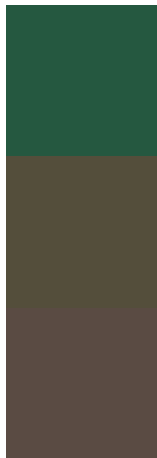


This preview shows how white text looks on a background with the Hex color 255840.

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
255840

Protanopia
544E3B

Deuteranopia
5A4B43



Tritanopia
2E545B

Trichromacy



Original Color
255840

Protanomaly
43523D

Deuteranomaly
475042

Tritanomaly
2B5551

Monochromacy



Original Color
255840

Achromatopsia
464646

Achromatomaly
3A4D44

CSS Examples

Text

The CSS property to change the color of the text to Hex 255840 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 #255840 looks like.

```
.text, #text, p{  
    color:#255840  
}
```

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 #255840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255840
}
```

Border

The CSS property to change the border of an element to Hex 255840 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
#255840 }
```

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

```
.border{ border-color:#255840 }
```

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

Here you see how a box with a 4 pixel #255840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255840; -webkit-box-shadow:4px 4px  
4px 4px #255840; box-shadow:4px 4px 4px  
4px #255840 }
```

Background

The CSS property to change the background color of an element to Hex 255840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255840 }
```

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

```
.background{ background-color:#255840 }
```

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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