

Converting Colors

Hex(237840)

Have a look what the booklet for
Hex(237840) contains.

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Color

Hex(237840)

Conversions

Conversions Part 1

Format	Color
Hex	237840
RGB	35, 120, 64
RGB Percent	14%, 47%, 25%
CMY	0.8627, 0.5294, 0.7490
CMYK	0.71, 0.00, 0.47, 0.53
HSL	140°, 55%, 30%
HSV	140°, 71%, 47%
XYZ	8.3350, 14.1604, 7.1444
YIQ	88.2010, -32.6840, -35.4360

Conversions

Conversions Part 2

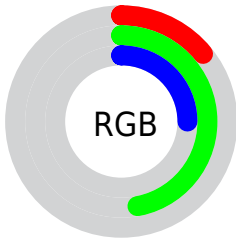
Format	Color
RYB	35, 98, 120
Decimal	2324544
CIELab	44.46, -38.47, 23.58
CIELCh	44, 45.123, 148.499
Yxy	14.1604, 0.2812, 0.4777
Android (android.graphics.Color)	4280514624 (0xFF237840)
YUV	88.2010, -11.9311, -46.6573
Hunter-Lab	37.6303, -26.3158, 15.0846

Details

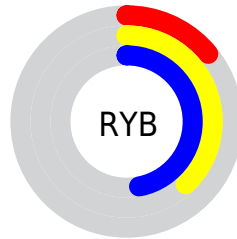
The Hex color **237840** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **78235B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5BAD71**, and **004613** is the 20% darker color. If you saturate the color by 10%, you get **177838**, and if you desaturate by 10%, it is **2F7848**.

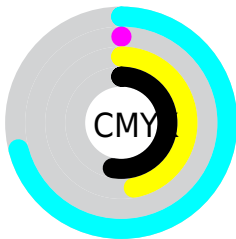
Distribution



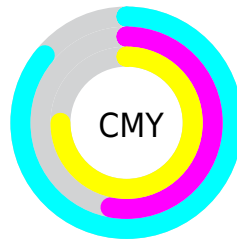
- Red (14%)
- Green (47%)
- Blue (25%)



- Red (14%)
- Yellow (38%)
- Blue (47%)



- Cyan (71%)
- Magenta (0%)
- Yellow (47%)
- Black (53%)



- Cyan (86%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 237840 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 237840 by changing the saturation by 10% instead.

 237840

 237840

FFFFFF

 005F29

 5BAD71

 004613

 77C98A

 002F00

 92E5A5

 001800

 AEFFC0

 000000

 CAFFDC

 E7FFF9

 237840

 237840

 177838

 2F7848

■ 0B7830

■ 3B7850

■ 007829

■ 477858

■ 537860

■ 5F7868

■ 6B786F

■ 777877

■ 83787F

■ 8F7887

Harmonies

Analogous

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



597122



237840



007B66

Triad

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



237840



006EB4



AC4A48

Complementary

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



237840



78235B

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.



AB466D



237840



6660AB

Square

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



237840



0077A9



955091



9B5829

Rectangle

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



237840



007B80



955091



AE4853

Sweetspot

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



237840



7B9C86



5C7823



3B4F42



CFCFCF



4F4F4F

Same Dimension

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



237840



179C44



23786A



373D39



007D2B



00FC56

Inverse Universe

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



78235B



9C176E



782331



3D373B



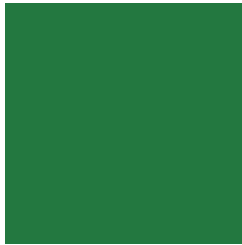
7D0052



FC00A6

Previews

White Background



This preview shows how the Hex color 237840 looks on a white background.

Color Contrast Check

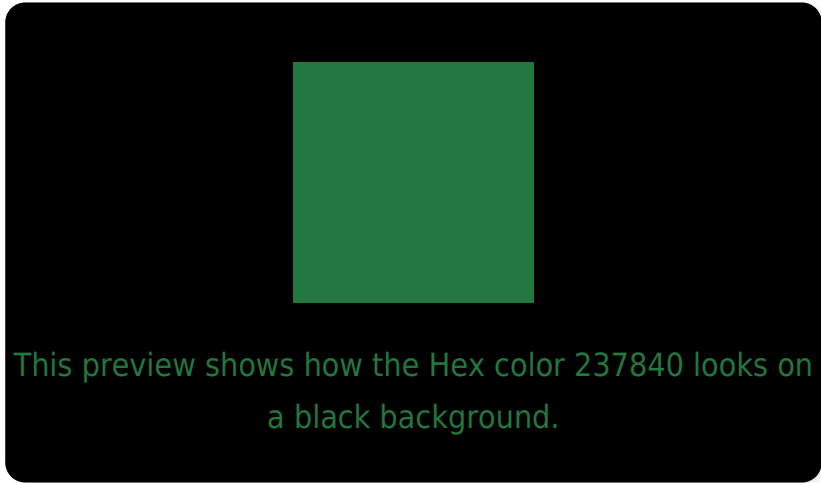
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 237840 Background



This preview shows how black text looks on a background with the Hex color 237840.



This preview shows how white text looks on a background with the Hex color 237840.

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
237840

Protanopia
73693A

Deuteranopia
7E6445



Tritanopia
37717B

Trichromacy



Original Color
237840

Protanomaly
566E3C

Deuteranomaly
5D6B43

Tritanomaly
307466

Monochromacy



Original Color
237840

Achromatopsia
585858

Achromatomaly
45644F

CSS Examples

Text

The CSS property to change the color of the text to Hex 237840 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 #237840 looks like.

```
.text, #text, p{  
    color:#237840  
}
```

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 #237840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237840
}
```

Border

The CSS property to change the border of an element to Hex 237840 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
#237840 }
```

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

```
.border{ border-color:#237840 }
```

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

Here you see how a box with a 4 pixel #237840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237840; -webkit-box-shadow:4px 4px  
4px 4px #237840; box-shadow:4px 4px 4px  
4px #237840 }
```

Background

The CSS property to change the background color of an element to Hex 237840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237840 }
```

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

```
.background{ background-color:#237840 }
```

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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