

Converting Colors

Hex(237C4D)

Have a look what the booklet for
Hex(237C4D) contains.

Hex(237C4D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(237C4D)

Conversions

Conversions Part 1

Format	Color
Hex	237C4D
RGB	35, 124, 77
RGB Percent	14%, 49%, 30%
CMY	0.8627, 0.5137, 0.6980
CMYK	0.72, 0.00, 0.38, 0.51
HSL	148°, 56%, 31%
HSV	148°, 72%, 49%
XYZ	9.2403, 15.3085, 9.4890
YIQ	92.0310, -37.9570, -33.4850

Conversions

Conversions Part 2

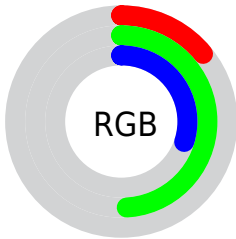
Format	Color
RYB	35, 95, 124
Decimal	2325581
CIELab	46.05, -37.57, 18.32
CIELCh	46, 41.794, 154.005
Yxy	15.3085, 0.2715, 0.4497
Android (android.graphics.Color)	4280515661 (0xFF237C4D)
YUV	92.0310, -7.4103, -50.0162
Hunter-Lab	39.1260, -26.3144, 13.0090

Details

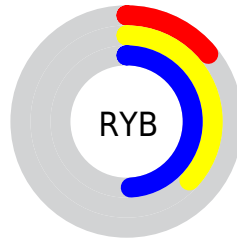
The Hex color **237C4D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7C2352**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5CB17E**, and **004A20** is the 20% darker color. If you saturate the color by 10%, you get **177C46**, and if you desaturate by 10%, it is **2F7C54**.

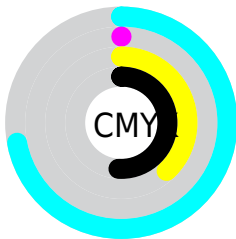
Distribution



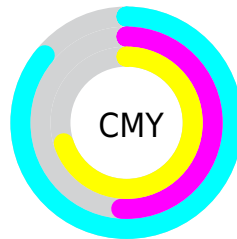
- Red (14%)
- Green (49%)
- Blue (30%)



- Red (14%)
- Yellow (37%)
- Blue (49%)



- Cyan (72%)
- Magenta (0%)
- Yellow (38%)
- Black (51%)



- Cyan (86%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 237C4D 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 237C4D by changing the saturation by 10% instead.

 237C4D

 237C4D

FFFFFF

 006336

 5CB17E

 004A20

 78CD98

 00320A

 93EAB3

 001D00

 AFFFCF

 000000

 CCFEB

 E9FFF

 237C4D

 237C4D

 177C46

 2F7C54

■ 0A7C40

■ 3C7C5A

■ 007C3B

■ 487C61

■ 557C67

■ 617C6E

■ 6D7C74

■ 7A7C7B

■ 867C81

■ 937C88

Harmonies

Analogous

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



587630



237C4D



007E71

Triad

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



237C4D



2F6FB3



AA5348

Complementary

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



237C4D



7C2352

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.



AD4E6A



237C4D



7562A7

Square

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



237C4D



0079AB



9C548C



99602E

Rectangle

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



237C4D



007E88



9C548C



AD5053

Sweetspot

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



237C4D



7DA18E



527C23



3C5246



D1D1D1



525252

Same Dimension

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



237C4D



16A158



237C79



373D3A



007D3B



00FC77

Inverse Universe

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



7C2352



A1165F



7C2326



3D373A



7D0042



FC0085

Previews

White Background



This preview shows how the Hex color 237C4D looks on a white background.

Color Contrast Check

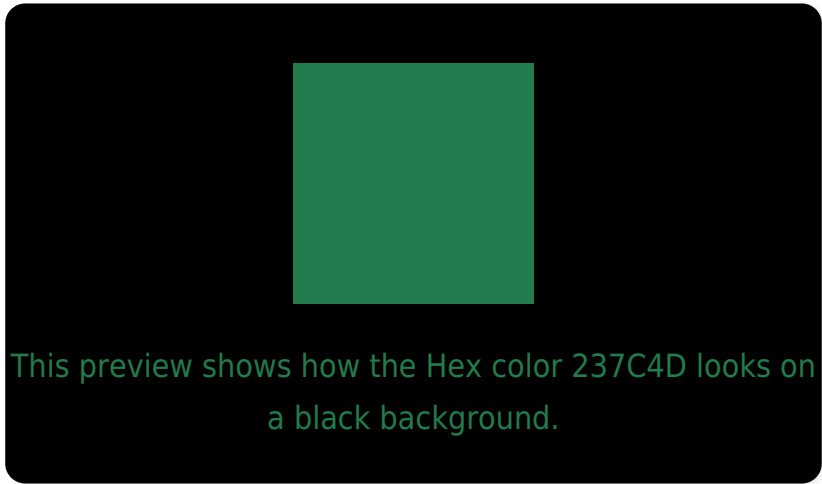
Large Text (above 18pt) WCAG AA ✓ Pass

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 237C4D Background



This preview shows how black text looks on a background with the Hex color 237C4D.



This preview shows how white text looks on a background with the Hex color 237C4D.

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
237C4D

Protanopia
766C47

Deuteranopia
806852



Tritanopia
37767F

Trichromacy



Original Color
237C4D

Protanomaly
587249

Deuteranomaly
5E6F50

Tritanomaly
30786D

Monochromacy



Original Color
237C4D

Achromatopsia
5C5C5C

Achromatomaly
476857

CSS Examples

Text

The CSS property to change the color of the text to Hex 237C4D 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 #237C4D looks like.

```
.text, #text, p{  
    color:#237C4D  
}
```

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 #237C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #237C4D
}
```

Border

The CSS property to change the border of an element to Hex 237C4D 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
#237C4D }
```

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

```
.border{ border-color:#237C4D }
```

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

Here you see how a box with a 4 pixel #237C4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #237C4D; -webkit-box-shadow:4px 4px  
4px 4px #237C4D; box-shadow:4px 4px 4px  
4px #237C4D }
```

Background

The CSS property to change the background color of an element to Hex 237C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#237C4D }
```

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

```
.background{ background-color:#237C4D }
```

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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