

Converting Colors

Hex(241236)

Have a look what the booklet for
Hex(241236) contains.

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Color

Hex(241236)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 241236 |
| RGB | 36, 18, 54 |
| RGB Percent | 14%, 7%, 21% |
| CMY | 0.8588, 0.9294, 0.7882 |
| CMYK | 0.33, 0.67, 0.00, 0.79 |
| HSL | 270°, 50%, 14% |
| HSV | 270°, 67%, 21% |
| XYZ | 1.6097, 1.0740, 3.6125 |
| YIQ | 27.4860, -0.8280, 15.0120 |

Conversions

Conversions Part 2

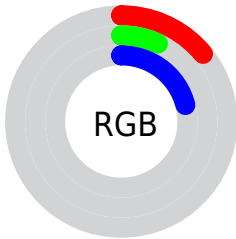
| Format | Color |
|-------------------------------------|---|
| RYB | 36, 18, 54 |
| Decimal | 2363958 |
| CIELab | 9.59, 18.09, -20.14 |
| CIElCh | 10, 27.068, 311.925 |
| Yxy | 1.0740, 0.2557, 0.1706 |
| Android (android.graphics.Color) | 4280554038 (0xFF241236) |
| YUV | 27.4860, 13.0714, 7.4668 |
| Hunter-Lab | 10.3635, 9.5894, -13.4128 |

Details

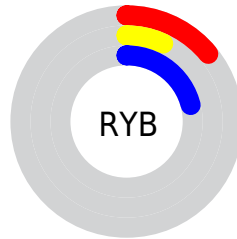
The Hex color **241236** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **243612**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **523D65**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **210D36**, and if you desaturate by 10%, it is **271736**.

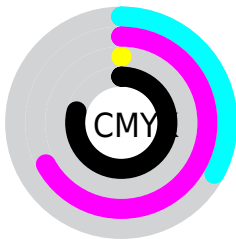
Distribution



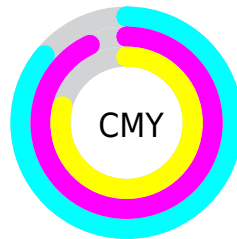
- Red (14%)
- Green (7%)
- Blue (21%)



- Red (14%)
- Yellow (7%)
- Blue (21%)



- Cyan (33%)
- Magenta (67%)
- Yellow (0%)
- Black (79%)



- Cyan (86%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241236 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 241236 by changing the saturation by 10% instead.

 241236

 241236

 FFF4FF

 120021

 523D65

 000005

 6B547E

 000000

 846D98

 9F86B3

 BAA0CF

 D6BBEB

 F2D7FF

 241236

 241236

■ 210D36

■ 271736

■ 1F0736

■ 291D36

■ 1C0236

■ 2C2236

■ 1B0036

■ 2F2836

■ 322D36

■ 343236

■ 373836

■ 3A3D36

■ 3C4336

Harmonies

Analogous

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



001B3F



241236



350826

Triad

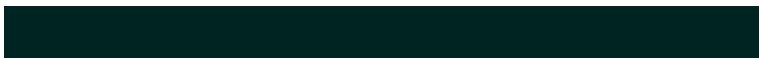
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241236



2C1600



002422

Complementary

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



241236



243612

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.



00230D



241236



1C1C00

Square

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



241236



370C00



062000



002333

Rectangle

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



241236



3A051A



062000



00241B

Sweetspot

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



241236



403947



122436



1F1B24



A3A3A3



242424

Same Dimension

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



241236



2B0E47



361236



1B191C



2E005C



6E00DB

Inverse Universe

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



361224



470E2B



123612



1C191B



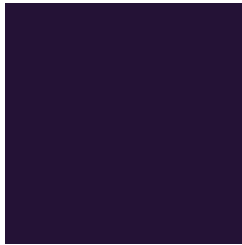
5C002E



DB006E

Previews

White Background



This preview shows how the Hex color 241236 looks on a white background.

Color Contrast Check

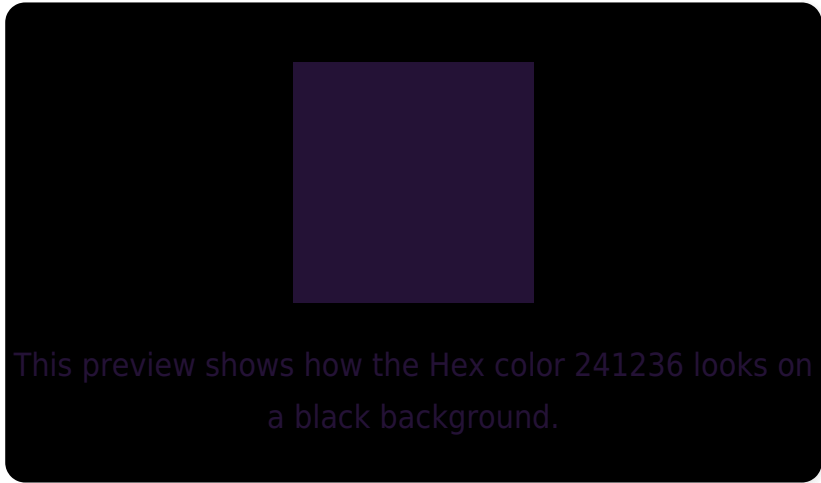
Large Text (above 18pt) WCAG AA ✓ Pass

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

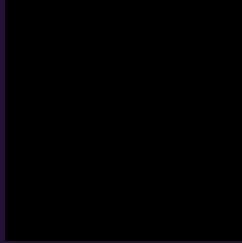
Any Text WCAG AA × Fail

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 241236 Background



This preview shows how black text looks on a background with the Hex color 241236.



This preview shows how white text looks on a background with the Hex color 241236.

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
241236

Protanopia
001A38

Deuteranopia
001C31



Tritanopia
1F1A1C

Trichromacy



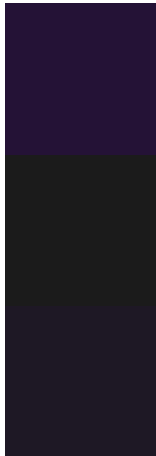
Original Color
241236

Protanomaly
0D1737

Deuteranomaly
0D1833

Tritanomaly
211725

Monochromacy



Original Color
241236

Achromatopsia
1B1B1B

Achromatomaly
1E1825

CSS Examples

Text

The CSS property to change the color of the text to Hex 241236 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 #241236 looks like.

```
.text, #text, p{  
    color:#241236  
}
```

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 #241236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241236
}
```

Border

The CSS property to change the border of an element to Hex 241236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

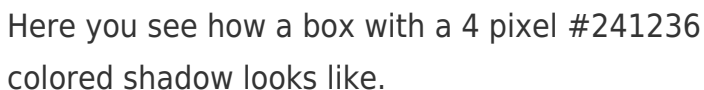
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241236 }
```

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

```
.border{ border-color:#241236 }
```

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



Here you see how a box with a 4 pixel #241236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241236; -webkit-box-shadow:4px 4px  
4px 4px #241236; box-shadow:4px 4px 4px  
4px #241236 }
```

Background

The CSS property to change the background color of an element to Hex 241236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241236 }
```

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

```
.background{ background-color:#241236 }
```

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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