

Converting Colors

Hex(241D50)

Have a look what the booklet for
Hex(241D50) contains.

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Color

Hex(241D50)

Conversions

Conversions Part 1

Format	Color
Hex	241D50
RGB	36, 29, 80
RGB Percent	14%, 11%, 31%
CMY	0.8588, 0.8863, 0.6863
CMYK	0.55, 0.64, 0.00, 0.69
HSL	248°, 47%, 21%
HSV	248°, 64%, 31%
XYZ	2.6149, 1.8330, 7.8054
YIQ	36.9070, -12.1990, 17.3450

Conversions

Conversions Part 2

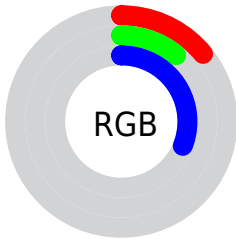
Format	Color
RYB	36, 29, 80
Decimal	2366800
CIELab	14.59, 19.11, -30.35
CIElCh	15, 35.864, 302.196
Yxy	1.8330, 0.2134, 0.1496
Android (android.graphics.Color)	4280556880 (0xFF241D50)
YUV	36.9070, 21.2448, -0.7954
Hunter-Lab	13.5388, 10.7827, -24.7048

Details

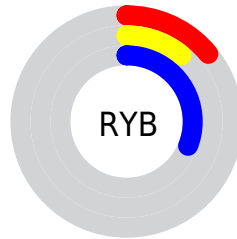
The Hex color **241D50** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **49501D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **554982**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **1D1550**, and if you desaturate by 10%, it is **2B2550**.

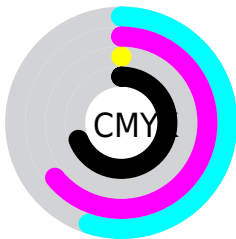
Distribution



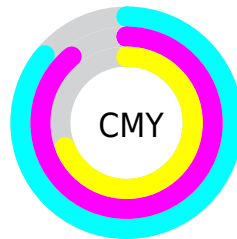
- Red (14%)
- Green (11%)
- Blue (31%)



- Red (14%)
- Yellow (11%)
- Blue (31%)



- Cyan (55%)
- Magenta (64%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241D50 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 241D50 by changing the saturation by 10% instead.

■ 241D50

■ 241D50

FFFFFF

■ 0C0639

■ 554982

■ 000223

■ 6E619C

■ 000009

■ 897AB7

■ 000000

■ A393D3

■ BFAEEF

■ DBCAFF

■ F8E6FF

■ 241D50

■ 241D50

■ 1D1550

■ 2B2550

■ 160D50

■ 322D50

■ 0F0550

■ 393550

■ 0B0050

■ 403D50

■ 474550

■ 4D4D50

■ 545550

■ 5B5D50

■ 626550

Harmonies

Analogous

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



002858



241D50



430D3D

Triad

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



241D50



411A00



002F26

Complementary

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



241D50



49501D

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.



002E0A



241D50



2D2400

Square

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



241D50



4D0A08



142B00



002F3F

Rectangle

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



241D50



4D032D



142B00



002F1D

Sweetspot

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



241D50



575569



1D4950



2B2936



B5B5B5



363636

Same Dimension

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



241D50



231869



3D1D50



252529



0E0069



2000E8

Inverse Universe

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



501D49



69185E



30501D



292528



69005A



E800C8

Previews

White Background



This preview shows how the Hex color 241D50 looks on a white background.

Color Contrast Check

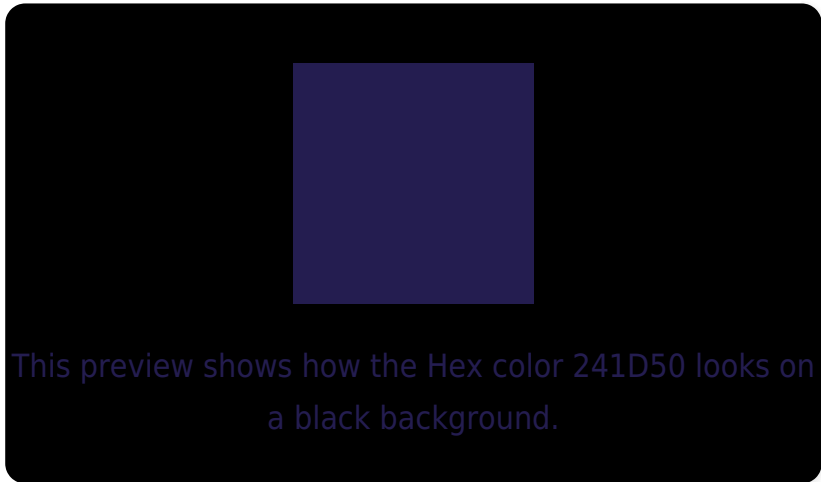
Large Text (above 18pt) WCAG AA ✓ Pass

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

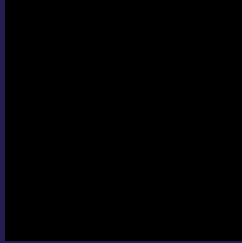
Any Text WCAG AA × Fail

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 241D50 Background



This preview shows how black text looks on a background with the Hex color 241D50.



This preview shows how white text looks on a background with the Hex color 241D50.

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
241D50

Protanopia
00244C

Deuteranopia
002642



Tritanopia
17282B

Trichromacy



Original Color
241D50

Protanomaly
0D214D

Deuteranomaly
0D2347

Tritanomaly
1C2438

Monochromacy



Original Color
241D50

Achromatopsia
252525

Achromatomaly
252235

CSS Examples

Text

The CSS property to change the color of the text to Hex 241D50 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 #241D50 looks like.

```
.text, #text, p{  
    color:#241D50  
}
```

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 #241D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241D50
}
```

Border

The CSS property to change the border of an element to Hex 241D50 is called "border". The border property can be set on classes, ids or directly on the HTML element.

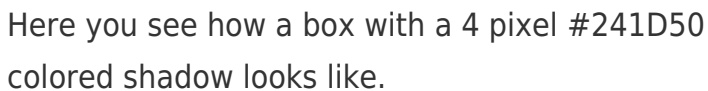
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#241D50 }
```

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

```
.border{ border-color:#241D50 }
```

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



Here you see how a box with a 4 pixel #241D50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241D50; -webkit-box-shadow:4px 4px  
4px 4px #241D50; box-shadow:4px 4px 4px  
4px #241D50 }
```

Background

The CSS property to change the background color of an element to Hex 241D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241D50 }
```

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

```
.background{ background-color:#241D50 }
```

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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