

Converting Colors

Hex(241C5B)

Have a look what the booklet for
Hex(241C5B) contains.

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Color

Hex(241C5B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 241C5B |
| RGB | 36, 28, 91 |
| RGB Percent | 14%, 11%, 36% |
| CMY | 0.8588, 0.8902, 0.6431 |
| CMYK | 0.60, 0.69, 0.00, 0.64 |
| HSL | 248°, 53%, 23% |
| HSV | 248°, 69%, 36% |
| XYZ | 3.0311, 1.9609, 10.1163 |
| YIQ | 37.5740, -15.4550, 21.2890 |

Conversions

Conversions Part 2

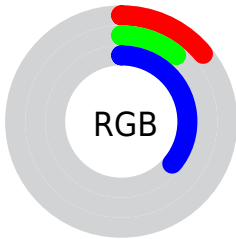
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 36, 28, 91 |
| Decimal | 2366555 |
| CIE Lab | 15.28, 23.73, -36.65 |
| CIE LCh | 15, 43.662, 302.920 |
| Yxy | 1.9609, 0.2006, 0.1298 |
| Android (android.graphics.Color) | 4280556635 (0xFF241C5B) |
| YUV | 37.5740, 26.3390, -1.3804 |
| Hunter-Lab | 14.0032, 14.1324, -33.0302 |

Details

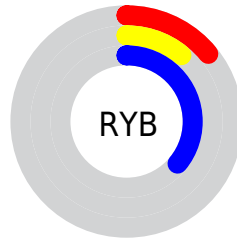
The Hex color **241C5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **535B1C**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **57488E**, and **00012C** is the 20% darker color. If you saturate the color by 10%, you get **1C135B**, and if you desaturate by 10%, it is **2C255B**.

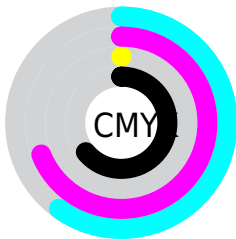
Distribution



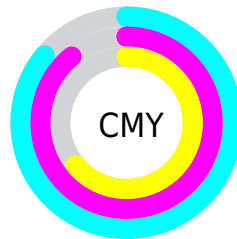
- Red (14%)
- Green (11%)
- Blue (36%)



- Red (14%)
- Yellow (11%)
- Blue (36%)



- Cyan (60%)
- Magenta (69%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 241C5B 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 241C5B by changing the saturation by 10% instead.

■ 241C5B

■ 241C5B

FFFFFF

■ 070643

■ 57488E

■ 00012C

■ 7160A9

■ 000117

■ 8C79C4

■ 000000

■ A793E0

■ C3ADFD

■ DFC9FF

■ FCE5FF

■ 241C5B

■ 241C5B

■ 1C135B

■ 2C255B

■ 140A5B

■ 342E5B

■ 0C015B

■ 3C375B

■ 0C005B

■ 44405B

■ 4C4A5B

■ 54535B

■ 5C5C5B

■ 64655B

■ 6C6E5B

Harmonies

Analogous

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



002A65



241C5B



4C0143

Triad

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



241C5B



461900



003329

Complementary

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



241C5B



535B1C

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.



003104



241C5B



2E2600

Square

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



241C5B



560000



0C2D00



003347

Rectangle

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



241C5B



57002F



0C2D00



00321E

Sweetspot

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



241C5B



605D75



1C545B



2E2C3B



BABABA



3B3B3B

Same Dimension

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



241C5B



201475



431C5B



2A292E



0E006E



1E00ED

Inverse Universe

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



5B1C53



751469



345B1C



2E292D



6E0060



ED00CF

Previews

White Background



This preview shows how the Hex color 241C5B looks on a white background.

Color Contrast Check

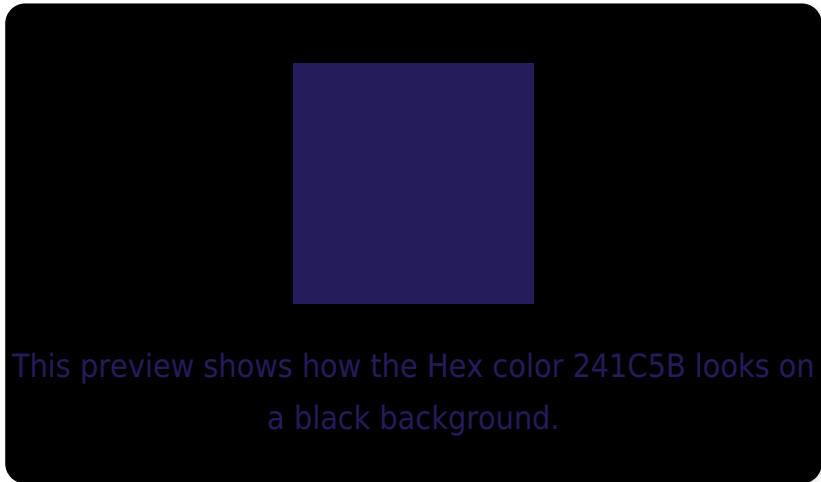
Large Text (above 18pt) WCAG AA ✓ Pass

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

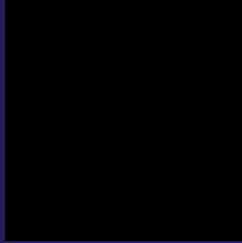
Any Text WCAG AA × Fail

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 241C5B Background



This preview shows how black text looks on a background with the Hex color 241C5B.



This preview shows how white text looks on a background with the Hex color 241C5B.

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
241C5B

Protanopia
00264F

Deuteranopia
002844



Tritanopia
0E2B2E

Trichromacy



Original Color
241C5B

Protanomaly
0D2253

Deuteranomaly
0D244C

Tritanomaly
16263E

Monochromacy



Original Color
241C5B

Achromatopsia
262626

Achromatomaly
252239

CSS Examples

Text

The CSS property to change the color of the text to Hex 241C5B 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 #241C5B looks like.

```
.text, #text, p{  
    color:#241C5B  
}
```

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 #241C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #241C5B
}
```

Border

The CSS property to change the border of an element to Hex 241C5B 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".

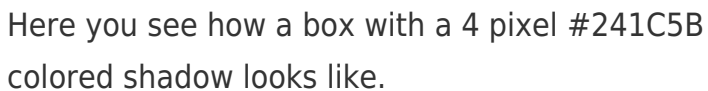
```
.border, #border, table{ border:4px solid
#241C5B }
```

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

```
.border{ border-color:#241C5B }
```

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

Here you see how a box with a 4 pixel #241C5B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #241C5B; -webkit-box-shadow:4px 4px  
4px 4px #241C5B; box-shadow:4px 4px 4px  
4px #241C5B }
```

Background

The CSS property to change the background color of an element to Hex 241C5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#241C5B }
```

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

```
.background{ background-color:#241C5B }
```

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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