

Converting Colors

Hex(234191)

Have a look what the booklet for
Hex(234191) contains.

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Color

Hex(234191)

Conversions

Conversions Part 1

Format	Color
Hex	234191
RGB	35, 65, 145
RGB Percent	14%, 25%, 57%
CMY	0.8627, 0.7451, 0.4314
CMYK	0.76, 0.55, 0.00, 0.43
HSL	224°, 61%, 35%
HSV	224°, 76%, 57%
XYZ	7.6943, 6.1823, 27.5758
YIQ	65.1500, -43.5600, 18.5200

Conversions

Conversions Part 2

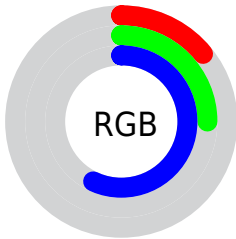
Format	Color
R_{YB}	35, 59, 145
Decimal	2310545
CIE _{Lab}	29.87, 18.59, -47.46
CIE _{LCh}	30, 50.966, 291.391
Yxy	6.1823, 0.1856, 0.1491
Android (android.graphics.Color)	4280500625 (0xFF234191)
YUV	65.1500, 39.3660, -26.4416
Hunter-Lab	24.8641, 11.7250, -48.3513

Details

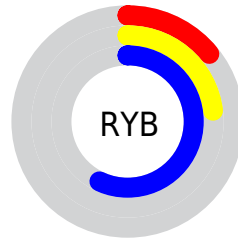
The Hex color **234191** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **917323**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6070C8**, and **00185E** is the 20% darker color. If you saturate the color by 10%, you get **153691**, and if you desaturate by 10%, it is **324C91**.

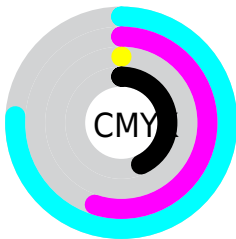
Distribution



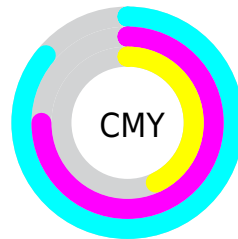
- Red (14%)
- Green (25%)
- Blue (57%)



- Red (14%)
- Yellow (23%)
- Blue (57%)



- Cyan (76%)
- Magenta (55%)
- Yellow (0%)
- Black (43%)



- Cyan (86%)
- Magenta (75%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234191 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 234191 by changing the saturation by 10% instead.

■ 234191

■ 234191

FFFFFF

■ 002B77

■ 6070C8

■ 00185E

■ 7C8AE4

■ 000046

■ 99A4FF

■ 00042E

■ B5BFFF

■ 000118

■ D2DBFF

■ 000000

■ F0F7FF

■ 234191

■ 234191

■ 153691

■ 324C91

■ 062C91

■ 405691

■ 002891

■ 4F6191

■ 5D6B91

■ 6C7691

■ 7A8091

■ 898B91

■ 979591

■ A5A091

Harmonies

Analogous

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



004F95



234191



692C78

Triad

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



234191



7B2E04



005739

Complementary

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



234191



917323

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.



00530E



234191



604100

Square

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



234191



8A172C



3C4D00



005762

Rectangle

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



234191



7F1B61



3C4D00



00562B

Sweetspot

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



234191



919DBD



239172



444B5E



DEDEDE



5E5E5E

Same Dimension

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



234191



1140BD



3B2391



404247



002587



000208

Inverse Universe

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



912341



BD1140



799123



474042



870025



080002

Previews

White Background



This preview shows how the Hex color 234191 looks on a white background.

Color Contrast Check

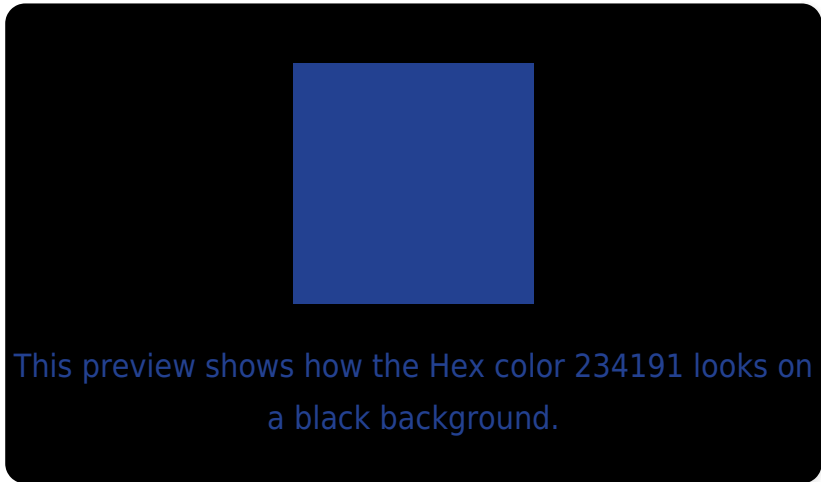
Large Text (above 18pt) WCAG AA ✓ Pass

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

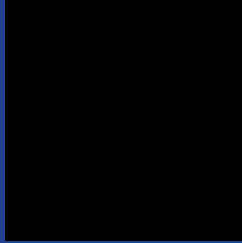
Any Text WCAG AA × Fail

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 234191 Background



This preview shows how black text looks on a background with the Hex color 234191.



This preview shows how white text looks on a background with the Hex color 234191.

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
234191

Protanopia
004490

Deuteranopia
00487C



Tritanopia
004E53

Trichromacy



Original Color
234191

Protanomaly
0D4390

Deuteranomaly
0D4584

Tritanomaly
0D496A

Monochromacy



Original Color
234191

Achromatopsia
414141

Achromatomaly
36415E

CSS Examples

Text

The CSS property to change the color of the text to Hex 234191 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 #234191 looks like.

```
.text, #text, p{  
    color:#234191  
}
```

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 #234191 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234191
}
```

Border

The CSS property to change the border of an element to Hex 234191 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
#234191 }
```

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

```
.border{ border-color:#234191 }
```

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

Here you see how a box with a 4 pixel #234191 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234191; -webkit-box-shadow:4px 4px  
4px 4px #234191; box-shadow:4px 4px 4px  
4px #234191 }
```

Background

The CSS property to change the background color of an element to Hex 234191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234191 }
```

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

```
.background{ background-color:#234191 }
```

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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