

Converting Colors

Hex(2434BF)

Have a look what the booklet for
Hex(2434BF) contains.

| | |
|--|----|
| Hex(2434BF) | 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> | 28 |

Color

Hex(2434BF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2434BF |
| RGB | 36, 52, 191 |
| RGB Percent | 14%, 20%, 75% |
| CMY | 0.8588, 0.7961, 0.2510 |
| CMYK | 0.81, 0.73, 0.00, 0.25 |
| HSL | 234°, 68%, 45% |
| HSV | 234°, 81%, 75% |
| XYZ | 11.3595, 6.5926, 49.9640 |
| YIQ | 63.0620, -54.1550, 39.8370 |

Conversions

Conversions Part 2

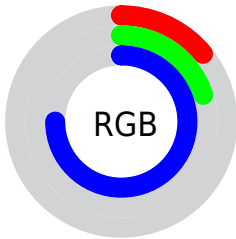
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 36, 51, 191 |
| Decimal | 2372799 |
| CIE _{Lab} | 30.86, 44.30, -73.47 |
| CIE _{LCh} | 31, 85.792, 301.090 |
| Yxy | 6.5926, 0.1673, 0.0971 |
| Android (android.graphics.Color) | 4280562879 (0xFF2434BF) |
| YUV | 63.0620, 63.0734, -23.7334 |
| Hunter-Lab | 25.6761, 34.0379, -97.4010 |

Details

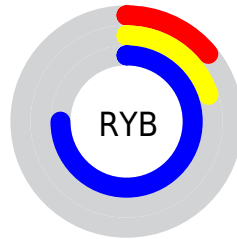
The Hex color **2434BF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **BFAF24**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6E64F9**, and **000988** is the 20% darker color. If you saturate the color by 10%, you get **1123BF**, and if you desaturate by 10%, it is **3745BF**.

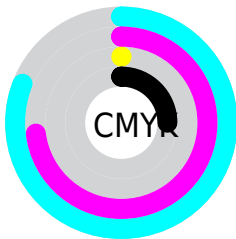
Distribution



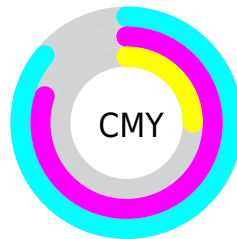
- Red (14%)
- Green (20%)
- Blue (75%)



- Red (14%)
- Yellow (20%)
- Blue (75%)



- Cyan (81%)
- Magenta (73%)
- Yellow (0%)
- Black (25%)



- Cyan (86%)
- Magenta (80%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2434BF 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 2434BF by changing the saturation by 10% instead.

 2434BF

 2434BF

FFFFFF

 001EA3

 6E64F9

 000988

 8D7DFF

 00006E

 AB97FF

 000854

 CAB2FF

 00063C

 E8CEFF

 000225

 FFEAFF

 00010E

 000000

 2434BF

 2434BF

■ 1123BF

■ 3745BF

■ 0014BF

■ 4A56BF

■ 5D67BF

■ 7079BF

■ 848ABF

■ 979BBF

■ AAACBF

■ BDBDBF

■ D0CEBF

Harmonies

Analogous

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



0053D4



2434BF



95008B

Triad

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



2434BF



8A2400



005F4A

Complementary

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



2434BF



BFAF24

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.



005D00



2434BF



584800

Square

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



2434BF



AC0007



005700



00618E

Rectangle

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



2434BF



AE0060



005700



005F32

Sweetspot

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



2434BF



BCC2F7



24BFAD



595C7D



FCFCFC



7D7D7D

Same Dimension

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



2434BF



0720F7



5F24BF



55565E



00109E



00031F

Inverse Universe

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



BF2434



F70720



84BF24



5E5556



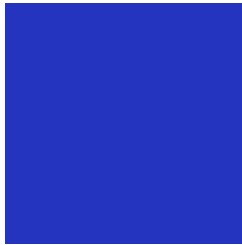
9E0010



1F0003

Previews

White Background



This preview shows how the Hex color 2434BF looks on a white background.

Color Contrast Check

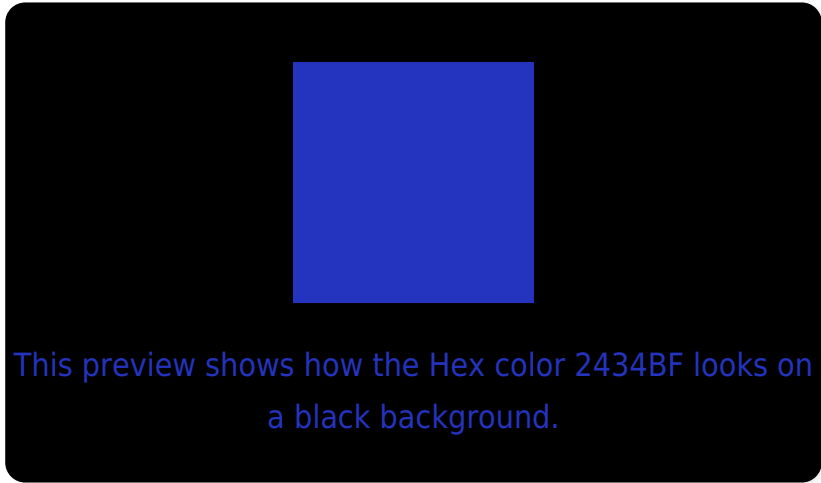
Large Text (above 18pt) WCAG AA ✓ Pass

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

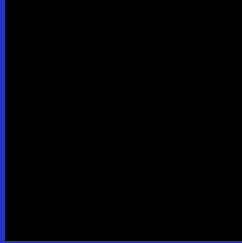
Any Text WCAG AA × Fail

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 2434BF Background



This preview shows how black text looks on a background with the Hex color 2434BF.

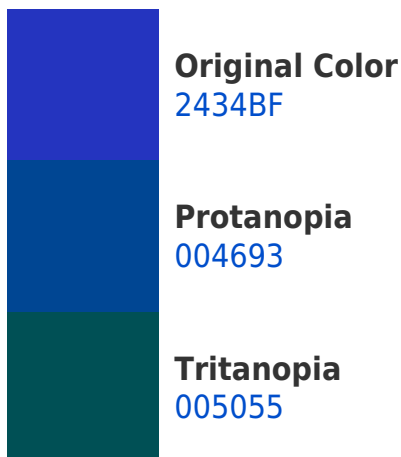


This preview shows how white text looks on a background with the Hex color 2434BF.

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



Trichromacy



Original Color
2434BF

Protanomaly
0D3FA3

Tritanomaly
0D467C

Monochromacy



Original Color
2434BF

Achromatopsia
3F3F3F

Achromatomaly
353B6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2434BF 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 #2434BF looks like.

```
.text, #text, p{  
    color:#2434BF  
}
```

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 #2434BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2434BF
}
```

Border

The CSS property to change the border of an element to Hex 2434BF 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".

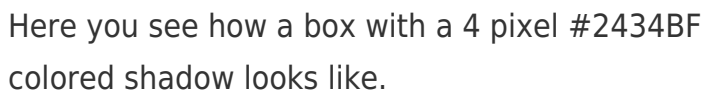
```
.border, #border, table{ border:4px solid
#2434BF }
```

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

```
.border{ border-color:#2434BF }
```

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

Here you see how a box with a 4 pixel #2434BF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4 pixel blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2434BF; -webkit-box-shadow:4px 4px  
4px 4px #2434BF; box-shadow:4px 4px 4px  
4px #2434BF }
```

Background

The CSS property to change the background color of an element to Hex 2434BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2434BF }
```

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

```
.background{ background-color:#2434BF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor