

Converting Colors

Hex(2434A5)

Have a look what the booklet for
Hex(2434A5) contains.

Hex(2434A5)	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(2434A5)

Conversions

Conversions Part 1

Format	Color
Hex	2434A5
RGB	36, 52, 165
RGB Percent	14%, 20%, 65%
CMY	0.8588, 0.7961, 0.3529
CMYK	0.78, 0.68, 0.00, 0.35
HSL	233°, 64%, 39%
HSV	233°, 78%, 65%
XYZ	8.7471, 5.5477, 36.2071
YIQ	60.0980, -45.8090, 31.7510

Conversions

Conversions Part 2

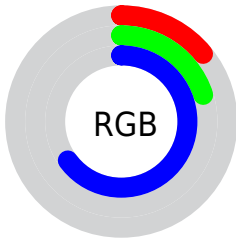
Format	Color
R_{YB}	36, 50, 165
Decimal	2372773
CIE _{Lab}	28.24, 35.05, -62.28
CIE _{LCh}	28, 71.466, 299.366
Yxy	5.5477, 0.1732, 0.1099
Android (android.graphics.Color)	4280562853 (0xFF2434A5)
YUV	60.0980, 51.7167, -21.1339
Hunter-Lab	23.5535, 25.0711, -74.6549

Details

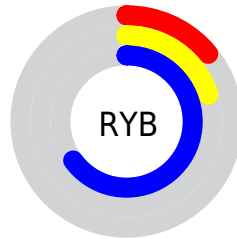
The Hex color **2434A5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A59524**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6763DD**, and **000B70** is the 20% darker color. If you saturate the color by 10%, you get **1426A5**, and if you desaturate by 10%, it is **3542A5**.

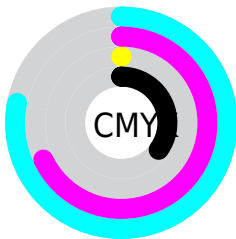
Distribution



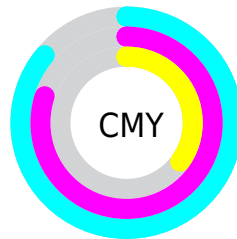
- Red (14%)
- Green (20%)
- Blue (65%)



- Red (14%)
- Yellow (20%)
- Blue (65%)



- Cyan (78%)
- Magenta (68%)
- Yellow (0%)
- Black (35%)



- Cyan (86%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2434A5 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 2434A5 by changing the saturation by 10% instead.

■ 2434A5

■ 2434A5

FFFFFF

■ 001F8A

■ 6763DD

■ 000B70

■ 847CFA

■ 000057

■ A296FF

■ 00063E

■ BFB1FF

■ 000327

■ DDCCFF

■ 000111

■ FBE8FF

■ 000000

■ 2434A5

■ 2434A5

■ 1426A5

■ 3542A5

■ 0317A5

■ 4551A5

■ 0014A5

■ 565FA5

■ 666EA5

■ 777CA5

■ 878BA5

■ 9899A5

■ A8A8A5

■ B8B6A5

Harmonies

Analogous

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



004CB4



2434A5



7F007C

Triad

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



2434A5



7D2400



005640

Complementary

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



2434A5



A59524

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.



005400



2434A5



544100

Square

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



2434A5



970011



154E00



005778

Rectangle

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



2434A5



960059



154E00



00562C

Sweetspot

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



2434A5



A5ABD6



24A594



4D516B



EBEBEB



6B6B6B

Same Dimension

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



2434A5



0D26D6



5324A5



494A52



001291



000212

Inverse Universe

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



A52434



D60D26



76A524



52494A



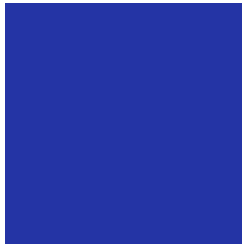
910012



120002

Previews

White Background



This preview shows how the Hex color 2434A5 looks on a white background.

Color Contrast Check

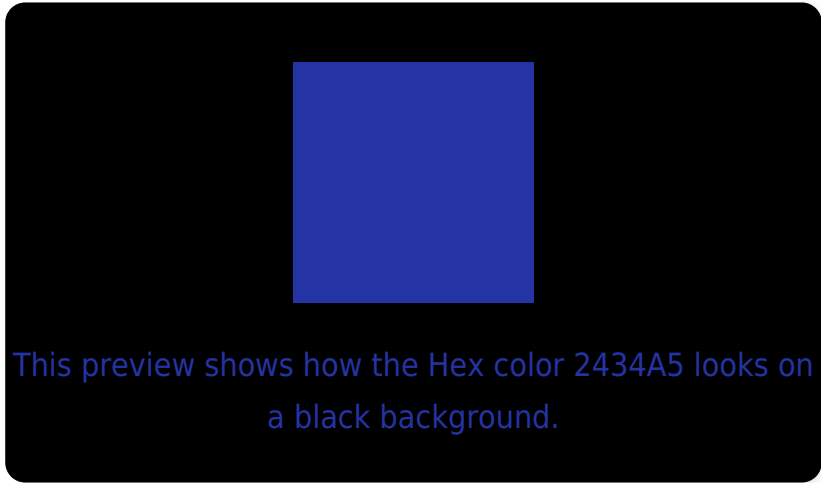
Large Text (above 18pt) WCAG AA ✓ Pass

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

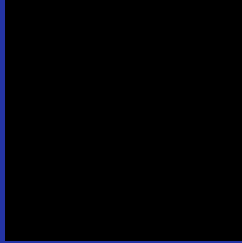
Any Text WCAG AA × Fail

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 2434A5 Background



This preview shows how black text looks on a background with the Hex color 2434A5.

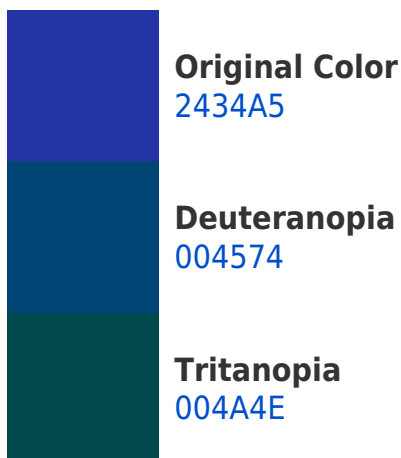


This preview shows how white text looks on a background with the Hex color 2434A5.

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
2434A5

Deuteranomaly
0D3F86

Tritanomaly
0D426E

Monochromacy



Original Color
2434A5

Achromatopsia
3C3C3C

Achromatomaly
333962

CSS Examples

Text

The CSS property to change the color of the text to Hex 2434A5 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 #2434A5 looks like.

```
.text, #text, p{  
    color:#2434A5  
}
```

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 #2434A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2434A5
}
```

Border

The CSS property to change the border of an element to Hex 2434A5 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
#2434A5 }
```

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

```
.border{ border-color:#2434A5 }
```

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

Here you see how a box with a 4 pixel #2434A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2434A5; -webkit-box-shadow:4px 4px  
4px 4px #2434A5; box-shadow:4px 4px 4px  
4px #2434A5 }
```

Background

The CSS property to change the background color of an element to Hex 2434A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2434A5 }
```

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

```
.background{ background-color:#2434A5 }
```

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