

Converting Colors

Hex(2439AD)

Have a look what the booklet for
Hex(2439AD) contains.

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Color

Hex(2439AD)

Conversions

Conversions Part 1

Format	Color
Hex	2439AD
RGB	36, 57, 173
RGB Percent	14%, 22%, 68%
CMY	0.8588, 0.7765, 0.3216
CMYK	0.79, 0.67, 0.00, 0.32
HSL	231°, 66%, 41%
HSV	231°, 79%, 68%
XYZ	9.7335, 6.3185, 40.2417
YIQ	63.9450, -49.7520, 31.6240

Conversions

Conversions Part 2

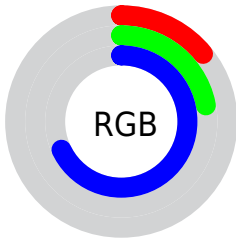
Format	Color
R_{YB}	36, 54, 173
Decimal	2374061
CIE _{Lab}	30.20, 34.78, -63.87
CIE _{LCh}	30, 72.725, 298.571
Yxy	6.3185, 0.1729, 0.1122
Android (android.graphics.Color)	4280564141 (0xFF2439AD)
YUV	63.9450, 53.7641, -24.5078
Hunter-Lab	25.1365, 25.1308, -77.3233

Details

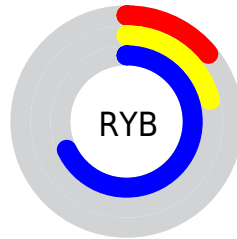
The Hex color **2439AD** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AD9824**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6968E6**, and **001077** is the 20% darker color. If you saturate the color by 10%, you get **132AAD**, and if you desaturate by 10%, it is **3548AD**.

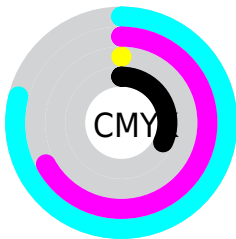
Distribution



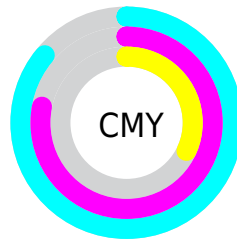
- Red (14%)
- Green (22%)
- Blue (68%)



- Red (14%)
- Yellow (21%)
- Blue (68%)



- Cyan (79%)
- Magenta (67%)
- Yellow (0%)
- Black (32%)



- Cyan (86%)
- Magenta (78%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2439AD 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 2439AD by changing the saturation by 10% instead.

■ 2439AD

■ 2439AD

FFFFFF

■ 002392

■ 6968E6

■ 001077

■ 8681FF

■ 00005E

■ A49BFF

■ 000845

■ C2B6FF

■ 00042E

■ E0D2FF

■ 000118

■ FEEEFF

■ 000000

■ 2439AD

■ 2439AD

■ 132AAD

■ 3548AD

■ 011CAD

■ 4756AD

■ 001BAD

■ 5865AD

■ 6974AD

■ 7A82AD

■ 8C91AD

■ 9DA0AD

■ AEAEAD

■ C0BDAD

Harmonies

Analogous

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



0051BB



2439AD



840083

Triad

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



2439AD



842700



005C43

Complementary

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



2439AD



AD9824

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.



005900



2439AD



5A4500

Square

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



2439AD



9F0016



1D5300



005D7D

Rectangle

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



2439AD



9C005F



1D5300



005B2F

Sweetspot

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



2439AD



ABB3E0



24AD96



505570



F0F0F0



707070

Same Dimension

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



2439AD



0B2CE0



5224AD



4E4F57



001796



000417

Inverse Universe

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



AD2439



E00B2C



7FAD24



574E4F



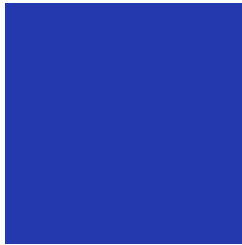
960017



170004

Previews

White Background



This preview shows how the Hex color 2439AD looks on a white background.

Color Contrast Check

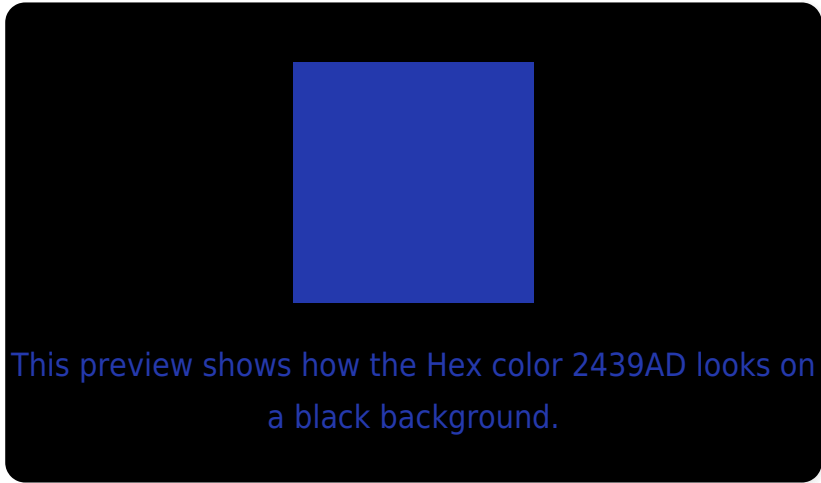
Large Text (above 18pt) WCAG AA ✓ Pass

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

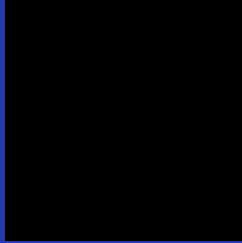
Any Text WCAG AA × Fail

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 2439AD Background



This preview shows how black text looks on a background with the Hex color 2439AD.

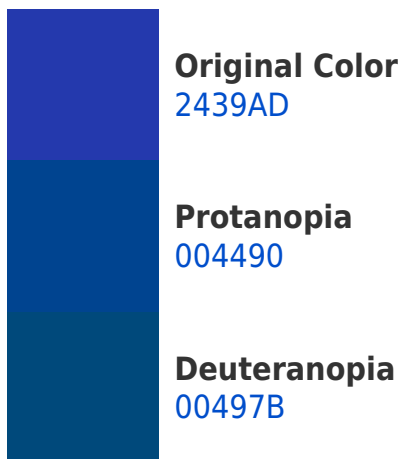


This preview shows how white text looks on a background with the Hex color 2439AD.

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



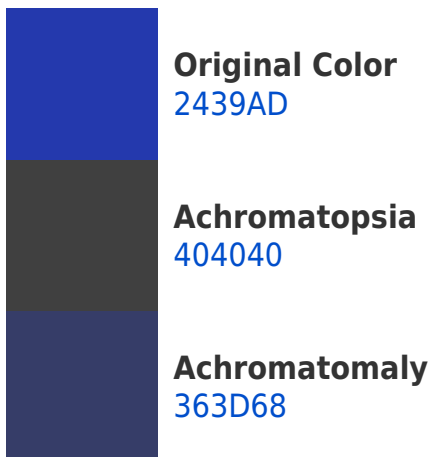


Tritanopia
004F54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2439AD 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 #2439AD looks like.

```
.text, #text, p{  
    color:#2439AD  
}
```

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 #2439AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2439AD
}
```

Border

The CSS property to change the border of an element to Hex 2439AD 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
#2439AD }
```

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

```
.border{ border-color:#2439AD }
```

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

Here you see how a box with a 4 pixel #2439AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2439AD; -webkit-box-shadow:4px 4px  
4px 4px #2439AD; box-shadow:4px 4px 4px  
4px #2439AD }
```

Background

The CSS property to change the background color of an element to Hex 2439AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2439AD }
```

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

```
.background{ background-color:#2439AD }
```

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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