

Converting Colors

Hex(2436AF)

Have a look what the booklet for
Hex(2436AF) contains.

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Color

Hex(2436AF)

Conversions

Conversions Part 1

Format	Color
Hex	2436AF
RGB	36, 54, 175
RGB Percent	14%, 21%, 69%
CMY	0.8588, 0.7882, 0.3137
CMYK	0.79, 0.69, 0.00, 0.31
HSL	232°, 66%, 41%
HSV	232°, 79%, 69%
XYZ	9.7846, 6.1085, 41.2208
YIQ	62.4120, -49.5690, 33.8150

Conversions

Conversions Part 2

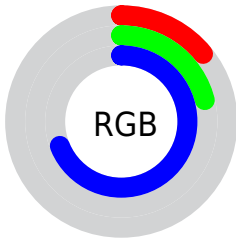
Format	Color
R _Y B	36, 52, 175
Decimal	2373295
CIE Lab	29.68, 37.42, -65.92
CIE LCh	30, 75.796, 299.583
Yxy	6.1085, 0.1713, 0.1070
Android (android.graphics.Color)	4280563375 (0xFF2436AF)
YUV	62.4120, 55.5059, -23.1633
Hunter-Lab	24.7155, 27.4141, -81.5838

Details

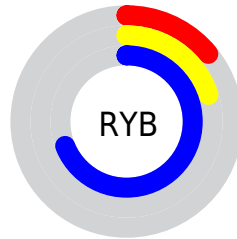
The Hex color **2436AF** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AF9D24**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6965E8**, and **000D79** is the 20% darker color. If you saturate the color by 10%, you get **1227AF**, and if you desaturate by 10%, it is **3645AF**.

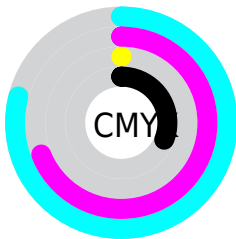
Distribution



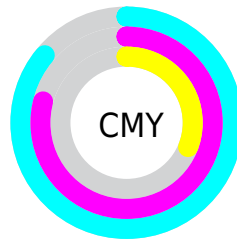
- Red (14%)
- Green (21%)
- Blue (69%)



- Red (14%)
- Yellow (20%)
- Blue (69%)



- Cyan (79%)
- Magenta (69%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (79%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2436AF 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 2436AF by changing the saturation by 10% instead.

■ 2436AF

■ 2436AF

FFFFFF

■ 002094

■ 6965E8

■ 000D79

■ 877EFF

■ 000060

■ A598FF

■ 000847

■ C3B3FF

■ 00042F

■ E1CFFF

■ 00011A

■ FFE8FF

■ 000000

■ 2436AF

■ 2436AF

■ 1227AF

■ 3645AF

■ 0118AF

■ 4754AF

■ 0017AF

■ 5964AF

■ 6A73AF

■ 7C82AF

■ 8D91AF

■ 9FA1AF

■ B0B0AF

■ C2BFAF

Harmonies

Analogous

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



0050BF



2436AF



870083

Triad

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



2436AF



832500



005B44

Complementary

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



2436AF



AF9D24

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.



005800



2436AF



574400

Square

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



2436AF



9F0011



125200



005C80

Rectangle

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



2436AF



9F005D



125200



005A2F

Sweetspot

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



2436AF



ACB4E3



24AF9C



515673



F2F2F2



737373

Same Dimension

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



2436AF



0B27E3



5724AF



4E4F57



001396



000317

Inverse Universe

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



AF2436



E30B27



7CAF24



574E4F



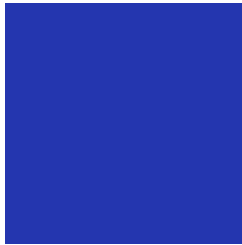
960013



170003

Previews

White Background



This preview shows how the Hex color 2436AF looks on a white background.

Color Contrast Check

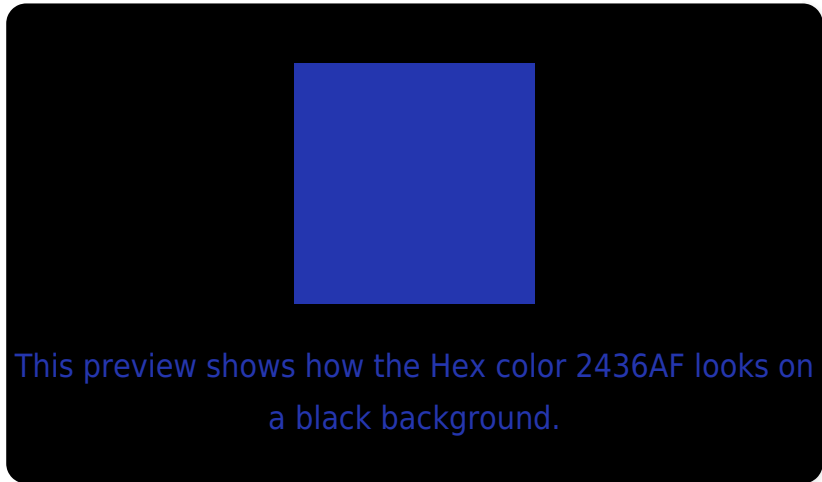
Large Text (above 18pt) WCAG AA ✓ Pass

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

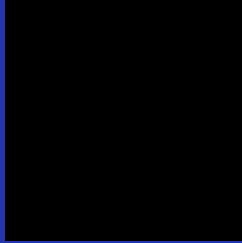
Any Text WCAG AA × Fail

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 2436AF Background



This preview shows how black text looks on a background with the Hex color 2436AF.



This preview shows how white text looks on a background with the Hex color 2436AF.

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
2436AF

Protanopia
00438E

Deuteranopia
004879



Tritanopia
004E52

Trichromacy



Original Color
2436AF

Protanomaly
0D3E9A

Deuteranomaly
0D418D

Tritanomaly
0D4574

Monochromacy



Original Color
2436AF

Achromatopsia
3E3E3E

Achromatomaly
353B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 2436AF 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 #2436AF looks like.

```
.text, #text, p{  
    color:#2436AF  
}
```

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 #2436AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2436AF
}
```

Border

The CSS property to change the border of an element to Hex 2436AF 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
#2436AF }
```

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

```
.border{ border-color:#2436AF }
```

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

Here you see how a box with a 4 pixel #2436AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2436AF; -webkit-box-shadow:4px 4px  
4px 4px #2436AF; box-shadow:4px 4px 4px  
4px #2436AF }
```

Background

The CSS property to change the background color of an element to Hex 2436AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2436AF }
```

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

```
.background{ background-color:#2436AF }
```

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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