

Converting Colors

Hex(0134AF)

Have a look what the booklet for
Hex(0134AF) contains.

Hex(0134AF)	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>	29

Color

Hex(0134AF)

Conversions

Conversions Part 1

Format	Color
Hex	0134AF
RGB	1, 52, 175
RGB Percent	0%, 20%, 69%
CMY	0.9961, 0.7961, 0.3137
CMYK	0.99, 0.70, 0.00, 0.31
HSL	222°, 99%, 35%
HSV	222°, 99%, 69%
XYZ	8.9784, 5.5576, 41.1569
YIQ	50.7730, -69.8790, 27.4410

Conversions

Conversions Part 2

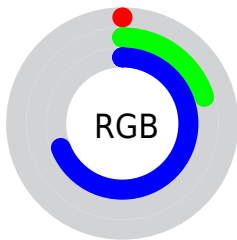
Format	Color
R_{YB}	1, 40, 175
Decimal	79023
CIE _{Lab}	28.27, 36.91, -68.28
CIE _{LCh}	28, 77.619, 298.390
Yxy	5.5576, 0.1612, 0.0998
Android (android.graphics.Color)	4278269103 (0xFF0134AF)
YUV	50.7730, 61.2439, -43.6509
Hunter-Lab	23.5745, 26.7264, -87.0077

Details

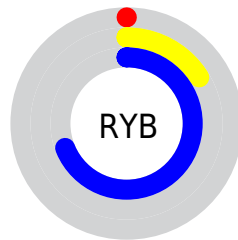
The Hex color **0134AF** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AF7C01**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5E63E8**, and **000C79** is the 20% darker color. If you saturate the color by 10%, you get **0033AF**, and if you desaturate by 10%, it is **1240AF**.

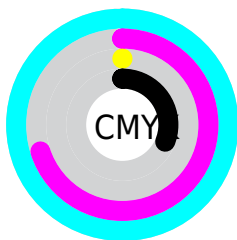
Distribution



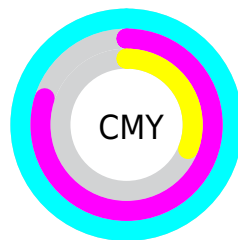
- Red (0%)
- Green (20%)
- Blue (69%)



- Red (0%)
- Yellow (16%)
- Blue (69%)



- Cyan (99%)
- Magenta (70%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (80%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0134AF 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 0134AF by changing the saturation by 10% instead.

■ 0134AF

■ 0134AF

FFFFFF

■ 001F94

■ 5E63E8

■ 000C79

■ 7D7BFF

■ 00005F

■ 9B95FF

■ 000847

■ B9B0FF

■ 00042F

■ D7CCFF

■ 00011A

■ F6E8FF

■ 000000

■ 0134AF

■ 0134AF

■ 0033AF

■ 1240AF

■ 244DAF

■ 3659AF

■ 4765AF

■ 5972AF

■ 6A7EAF

■ 7C8BAF

■ 8D97AF

■ 9FA3AF

Harmonies

Analogous

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



004EBE



0134AF



820083

Triad

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



0134AF



811E00



00573E

Complementary

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



0134AF



AF7C01

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.



005500



0134AF



554000

Square

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



0134AF



9D000F



0E4F00



00597B

Rectangle

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



0134AF



9B005D



0E4F00



005728

Sweetspot

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



0134AF



9FB3E3



01AF7B



495673



F2F2F2



737373

Same Dimension

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



0134AF



0043E3



2401AF



4E5157



002C96



000717

Inverse Universe

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



AF0134



E30043



8CAF01



574E51



96002C



170007

Previews

White Background



This preview shows how the Hex color 0134AF looks on a white background.

Color Contrast Check

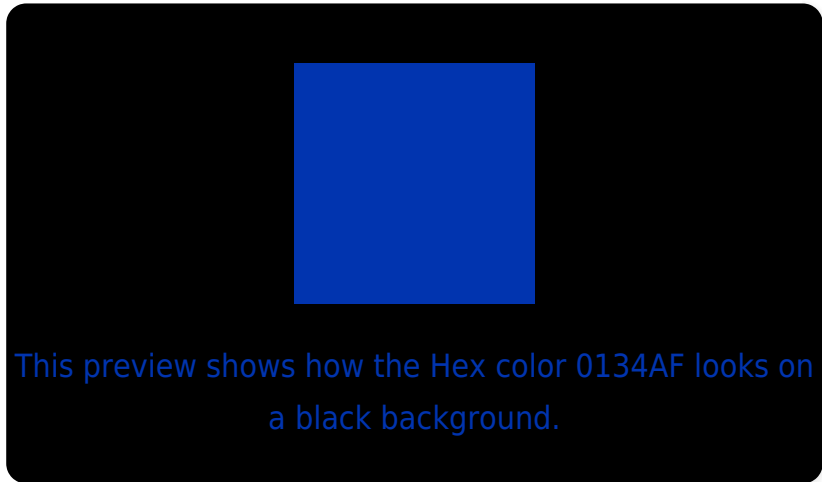
Large Text (above 18pt) WCAG AA ✓ Pass

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

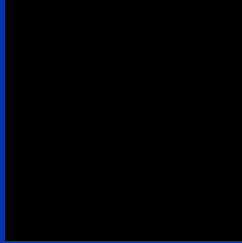
Any Text WCAG AA × Fail

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 0134AF Background



This preview shows how black text looks on a background with the Hex color 0134AF.



This preview shows how white text looks on a background with the Hex color 0134AF.

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
0134AF

Protanopia
004188

Deuteranopia
004574



Tritanopia
004B4E

Trichromacy



Original Color
0134AF

Protanomaly
003C96

Deuteranomaly
003F89

Tritanomaly
004371

Monochromacy



Original Color
0134AF

Achromatopsia
333333

Achromatomaly
213360

CSS Examples

Text

The CSS property to change the color of the text to Hex 0134AF 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 #0134AF looks like.

```
.text, #text, p{  
    color:#0134AF  
}
```

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 #0134AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0134AF
}
```

Border

The CSS property to change the border of an element to Hex 0134AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

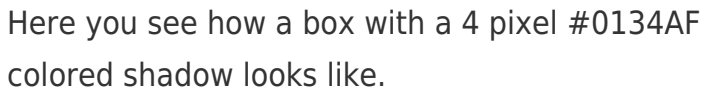
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0134AF }
```

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

```
.border{ border-color:#0134AF }
```

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



Here you see how a box with a 4 pixel #0134AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0134AF; -webkit-box-shadow:4px 4px  
4px 4px #0134AF; box-shadow:4px 4px 4px  
4px #0134AF }
```

Background

The CSS property to change the background color of an element to Hex 0134AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0134AF }
```

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

```
.background{ background-color:#0134AF }
```

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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