

Converting Colors

Hex(1430AC)

Have a look what the booklet for
Hex(1430AC) contains.

Hex(1430AC)	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(1430AC)

Conversions

Conversions Part 1

Format	Color
Hex	1430AC
RGB	20, 48, 172
RGB Percent	8%, 19%, 67%
CMY	0.9216, 0.8118, 0.3255
CMYK	0.88, 0.72, 0.00, 0.33
HSL	229°, 79%, 38%
HSV	229°, 88%, 67%
XYZ	8.7918, 5.2412, 39.5780
YIQ	53.7640, -56.4920, 32.6280

Conversions

Conversions Part 2

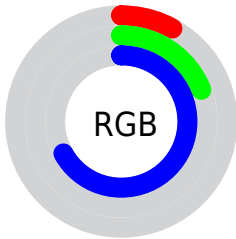
Format	Color
R_{YB}	20, 44, 172
Decimal	1323180
CIE _{Lab}	27.41, 39.01, -67.89
CIE _{LCh}	27, 78.297, 299.882
Yxy	5.2412, 0.1640, 0.0978
Android (android.graphics.Color)	4279513260 (0xFF1430AC)
YUV	53.7640, 58.2903, -29.6110
Hunter-Lab	22.8936, 28.4855, -86.4737

Details

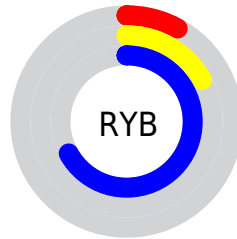
The Hex color **1430AC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AC9014**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **625FE5**, and **000876** is the 20% darker color. If you saturate the color by 10%, you get **0322AC**, and if you desaturate by 10%, it is **253EAC**.

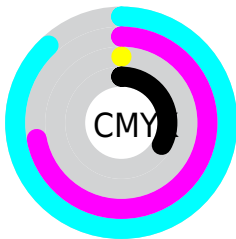
Distribution



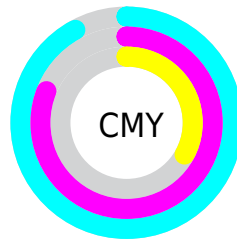
- Red (8%)
- Green (19%)
- Blue (67%)



- Red (8%)
- Yellow (17%)
- Blue (67%)



- Cyan (88%)
- Magenta (72%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (81%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1430AC 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 1430AC by changing the saturation by 10% instead.

■ 1430AC

■ 1430AC

FFFFFF

■ 001B91

■ 625FE5

■ 000876

■ 8178FF

■ 00005D

■ 9F91FF

■ 000744

■ BCACFF

■ 00032D

■ DBC7FF

■ 000117

■ F9E4FF

■ 000000

■ 1430AC

■ 1430AC

■ 0322AC

■ 253EAC

■ 0020AC

■ 364CAC

■ 485AAC

■ 5968AC

■ 6A76AC

■ 7B84AC

■ 8C92AC

■ 9EA0AC

■ AFAEAC

Harmonies

Analogous

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



004BBD



1430AC



83007E

Triad

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



1430AC



7D1E00



00553F

Complementary

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



1430AC



AC9014

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.



005300



1430AC



513F00

Square

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



1430AC



9A0008



004D00



00567C

Rectangle

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



1430AC



9B0058



004D00



00552A

Sweetspot

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



1430AC



A4AFE0



14AC8E



4C5370



F0F0F0



707070

Same Dimension

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



1430AC



0029E0



4214AC



4E5057



001C96



000417

Inverse Universe

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



AC1430



E00029



7EAC14



574E50



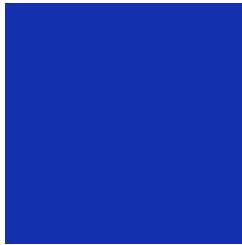
96001C



170004

Previews

White Background



This preview shows how the Hex color 1430AC looks on a white background.

Color Contrast Check

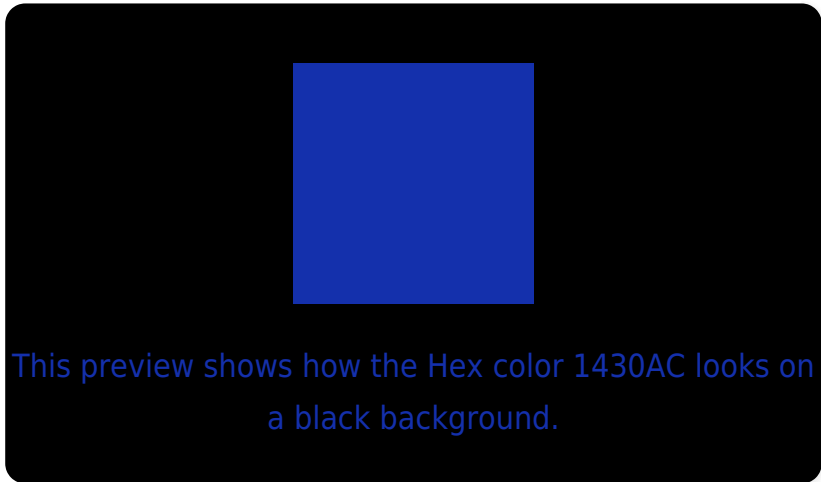
Large Text (above 18pt) WCAG AA ✓ Pass

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

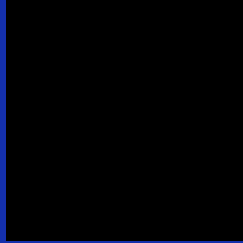
Any Text WCAG AA × Fail

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 1430AC Background



This preview shows how black text looks on a background with the Hex color 1430AC.



This preview shows how white text looks on a background with the Hex color 1430AC.

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
1430AC

Protanopia
003F84

Deuteranopia
004370



Tritanopia
00484C

Trichromacy



Original Color

1430AC

Protanomaly

073A93

Deuteranomaly

073C86

Tritanomaly

073F6F

Monochromacy



Original Color

1430AC

Achromatopsia

363636

Achromatomaly

2A3461

CSS Examples

Text

The CSS property to change the color of the text to Hex 1430AC 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 #1430AC looks like.

```
.text, #text, p{  
    color:#1430AC  
}
```

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 #1430AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1430AC
}
```

Border

The CSS property to change the border of an element to Hex 1430AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

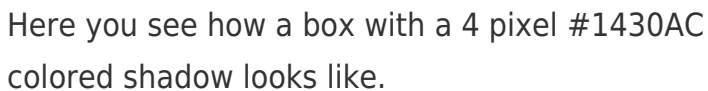
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1430AC }
```

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

```
.border{ border-color:#1430AC }
```

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



Here you see how a box with a 4 pixel #1430AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1430AC; -webkit-box-shadow:4px 4px  
4px 4px #1430AC; box-shadow:4px 4px 4px  
4px #1430AC }
```

Background

The CSS property to change the background color of an element to Hex 1430AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1430AC }
```

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

```
.background{ background-color:#1430AC }
```

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