

Converting Colors

Hex(2302A7)

Have a look what the booklet for
Hex(2302A7) contains.

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Color

Hex(2302A7)

Conversions

Conversions Part 1

Format	Color
Hex	2302A7
RGB	35, 2, 167
RGB Percent	14%, 1%, 65%
CMY	0.8627, 0.9922, 0.3451
CMYK	0.79, 0.99, 0.00, 0.35
HSL	252°, 98%, 33%
HSV	252°, 99%, 65%
XYZ	7.6899, 3.1908, 36.7698
YIQ	30.6770, -33.2970, 58.3110

Conversions

Conversions Part 2

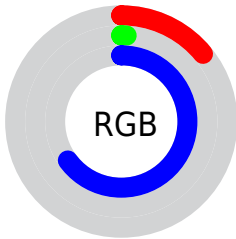
Format	Color
R _Y B	35, 2, 167
Decimal	2294439
CIE Lab	20.79, 57.67, -75.84
CIE LCh	21, 95.274, 307.248
Yxy	3.1908, 0.1614, 0.0670
Android (android.graphics.Color)	4280484519 (0xFF2302A7)
YUV	30.6770, 67.2072, 3.7913
Hunter-Lab	17.8627, 45.5845, -109.5426

Details

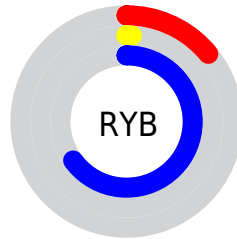
The Hex color **2302A7** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **86A702**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6A3CE0**, and **000071** is the 20% darker color. If you saturate the color by 10%, you get **2100A7**, and if you desaturate by 10%, it is **3013A7**.

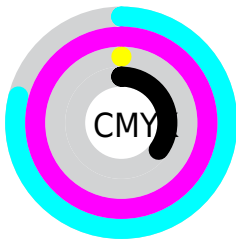
Distribution



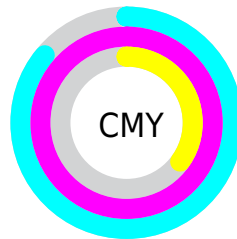
- Red (14%)
- Green (1%)
- Blue (65%)



- Red (14%)
- Yellow (1%)
- Blue (65%)



- Cyan (79%)
- Magenta (99%)
- Yellow (0%)
- Black (35%)



- Cyan (86%)
- Magenta (99%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2302A7 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 2302A7 by changing the saturation by 10% instead.

■ 2302A7

■ 2302A7

■ FFFBFF

■ 00008C

■ 6A3CE0

■ 000071

■ 8956FD

■ 000058

■ A770FF

■ 00063F

■ C68BFF

■ 000328

■ E4A6FF

■ 000112

■ FFC2FF

■ 000000

■ FFDEFF

■ 2302A7

■ 2302A7

■ 2100A7

■ 3013A7

■ 3E23A7

■ 4B34A7

■ 5845A7

■ 6656A7

■ 7366A7

■ 8177A7

■ 8E88A7

■ 9B98A7

Harmonies

Analogous

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



003CC6



2302A7



89006A

Triad

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



2302A7



670F00



004742

Complementary

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



2302A7



86A702

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.



004500



2302A7



2F3600

Square

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



2302A7



8D0000



004100



004989

Rectangle

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



2302A7



9C003C



004100



00462A

Sweetspot

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



2302A7



A598D9



0286A7



4E466E



EDEDED



6E6E6E

Same Dimension

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



2302A7



2B00D9



7602A7



4D4C54



1E0094



040014

Inverse Universe

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



A70286



D900AD



34A702



544C52



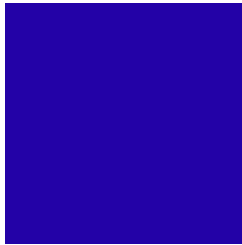
940076



140010

Previews

White Background



This preview shows how the Hex color 2302A7 looks on a white background.

Color Contrast Check

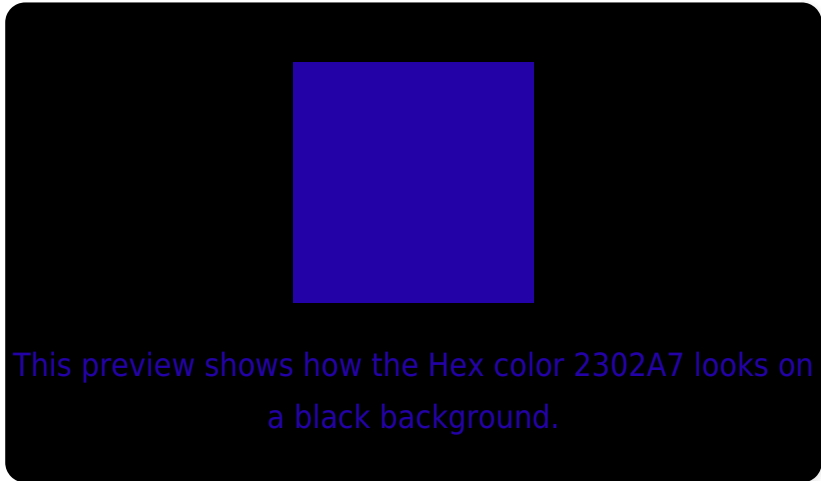
Large Text (above 18pt) WCAG AA ✓ Pass

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

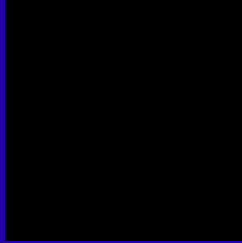
Any Text WCAG AA × Fail

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 2302A7 Background



This preview shows how black text looks on a background with the Hex color 2302A7.



This preview shows how white text looks on a background with the Hex color 2302A7.

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
2302A7

Protanopia
00336B

Deuteranopia
00365B



Tritanopia
003B3D

Trichromacy



Original Color
2302A7

Protanomaly
0D2181

Deuteranomaly
0D2377

Tritanomaly
0D2664

Monochromacy



Original Color
2302A7

Achromatopsia
1F1F1F

Achromatomaly
201450

CSS Examples

Text

The CSS property to change the color of the text to Hex 2302A7 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 #2302A7 looks like.

```
.text, #text, p{  
    color:#2302A7  
}
```

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 #2302A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2302A7
}
```

Border

The CSS property to change the border of an element to Hex 2302A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

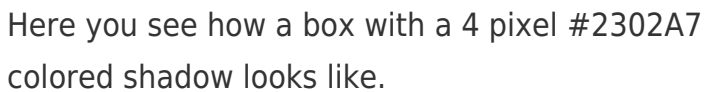
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2302A7 }
```

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

```
.border{ border-color:#2302A7 }
```

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



Here you see how a box with a 4 pixel #2302A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2302A7; -webkit-box-shadow:4px 4px  
4px 4px #2302A7; box-shadow:4px 4px 4px  
4px #2302A7 }
```

Background

The CSS property to change the background color of an element to Hex 2302A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2302A7 }
```

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

```
.background{ background-color:#2302A7 }
```

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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