

Converting Colors

Hex(2400A6)

Have a look what the booklet for
Hex(2400A6) contains.

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Color

Hex(2400A6)

Conversions

Conversions Part 1

Format	Color
Hex	2400A6
RGB	36, 0, 166
RGB Percent	14%, 0%, 65%
CMY	0.8588, 1.0000, 0.3490
CMYK	0.78, 1.00, 0.00, 0.35
HSL	253°, 100%, 33%
HSV	253°, 100%, 65%
XYZ	7.6105, 3.1282, 36.2791
YIQ	29.6880, -31.8300, 59.2580

Conversions

Conversions Part 2

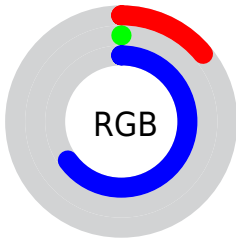
Format	Color
R_{YB}	36, 0, 166
Decimal	2359462
CIE _{Lab}	20.55, 57.96, -75.64
CIE _{LCh}	21, 95.291, 307.465
Yxy	3.1282, 0.1619, 0.0665
Android (android.graphics.Color)	4280549542 (0xFF2400A6)
YUV	29.6880, 67.2018, 5.5356
Hunter-Lab	17.6868, 45.8550, -109.2344

Details

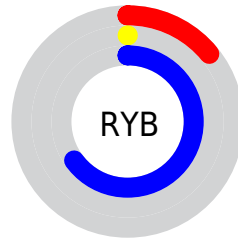
The Hex color **2400A6** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **82A600**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6B3BDF**, and **000070** is the 20% darker color. If you saturate the color by 10%, you get **2400A6**, and if you desaturate by 10%, it is **3111A6**.

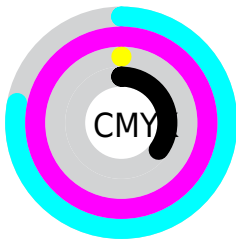
Distribution



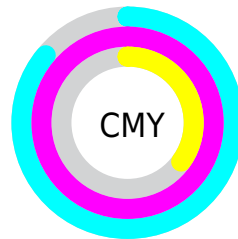
- Red (14%)
- Green (0%)
- Blue (65%)



- Red (14%)
- Yellow (0%)
- Blue (65%)



- Cyan (78%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (86%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2400A6 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 2400A6 by changing the saturation by 10% instead.

 2400A6

 2400A6

 FFFAFF

 00008B

 6B3BDF

 000070

 8955FC

 000057

 A86FFF

 00063E

 C68AFF

 000328

 E4A5FF

 000111

 FFC1FF

 000000

 FFDDFF

 2400A6

■ 3111A6

■ 3E21A6

■ 4B32A6

■ 5842A6

■ 6553A6

■ 7264A6

■ 7F74A6

■ 8C85A6

■ 9995A6

Harmonies

Analogous

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



003CC5



2400A6



890069

Triad

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



2400A6



660F00



004642

Complementary

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



2400A6



82A600

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.



004400



2400A6



2E3500

Square

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



2400A6



8D0000



004000



004889

Rectangle

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



2400A6



9B003B



004000



00452A

Sweetspot

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



2400A6



A698D9



0082A6



4F466E



EDEDED



6E6E6E

Same Dimension

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



2400A6



2F00D9



7700A6



4E4C54



200094



040014

Inverse Universe

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



A60082



D900AA



2FA600



544C52



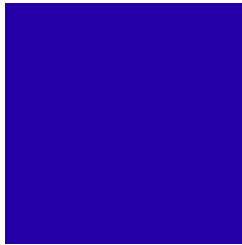
940074



140010

Previews

White Background



This preview shows how the Hex color 2400A6 looks on a white background.

Color Contrast Check

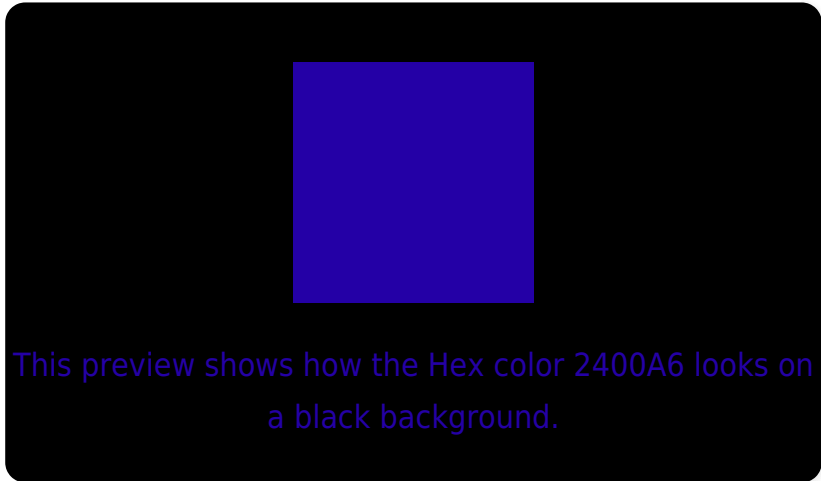
Large Text (above 18pt) WCAG AA ✓ Pass

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

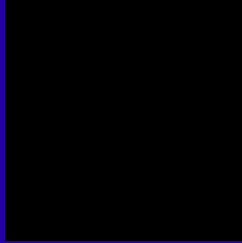
Any Text WCAG AA × Fail

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 2400A6 Background



This preview shows how black text looks on a background with the Hex color 2400A6.



This preview shows how white text looks on a background with the Hex color 2400A6.

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
2400A6

Protanopia
00336A

Deuteranopia
00365A



Tritanopia
003A3D

Trichromacy



Original Color
2400A6

Protanomaly
0D2080

Deuteranomaly
0D2276

Tritanomaly
0D2563

Monochromacy



Original Color
2400A6

Achromatopsia
1E1E1E

Achromatomaly
20134F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2400A6 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 #2400A6 looks like.

```
.text, #text, p{  
    color:#2400A6  
}
```

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 #2400A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2400A6
}
```

Border

The CSS property to change the border of an element to Hex 2400A6 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".

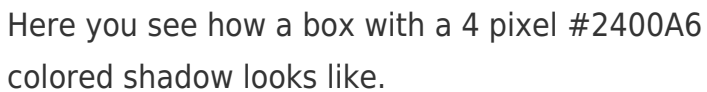
```
.border, #border, table{ border:4px solid
#2400A6 }
```

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

```
.border{ border-color:#2400A6 }
```

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

Here you see how a box with a 4 pixel #2400A6 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2400A6; -webkit-box-shadow:4px 4px  
4px 4px #2400A6; box-shadow:4px 4px 4px  
4px #2400A6 }
```

Background

The CSS property to change the background color of an element to Hex 2400A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2400A6 }
```

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

```
.background{ background-color:#2400A6 }
```

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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