

Converting Colors

Hex(1448A3)

Have a look what the booklet for
Hex(1448A3) contains.

Hex(1448A3)	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(1448A3)

Conversions

Conversions Part 1

Format	Color
Hex	1448A3
RGB	20, 72, 163
RGB Percent	8%, 28%, 64%
CMY	0.9216, 0.7176, 0.3608
CMYK	0.88, 0.56, 0.00, 0.36
HSL	218°, 78%, 36%
HSV	218°, 88%, 64%
XYZ	9.2167, 7.4278, 35.5983
YIQ	66.8260, -60.2030, 17.2770

Conversions

Conversions Part 2

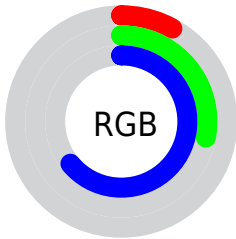
Format	Color
R_{YB}	20, 58, 163
Decimal	1329315
CIE _{Lab}	32.76, 19.53, -53.71
CIE _{LCh}	33, 57.150, 289.985
Yxy	7.4278, 0.1764, 0.1422
Android (android.graphics.Color)	4279519395 (0xFF1448A3)
YUV	66.8260, 47.4138, -41.0664
Hunter-Lab	27.2540, 12.6704, -58.3649

Details

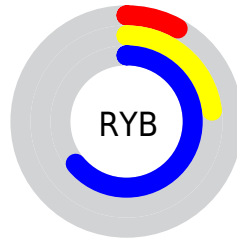
The Hex color **1448A3** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A36F14**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5D78DB**, and **001E6E** is the 20% darker color. If you saturate the color by 10%, you get **043EA3**, and if you desaturate by 10%, it is **2452A3**.

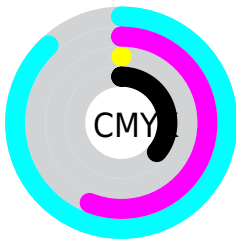
Distribution



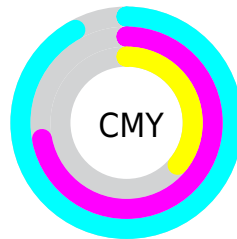
- Red (8%)
- Green (28%)
- Blue (64%)



- Red (8%)
- Yellow (23%)
- Blue (64%)



- Cyan (88%)
- Magenta (56%)
- Yellow (0%)
- Black (36%)



- Cyan (92%)
- Magenta (72%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1448A3 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 1448A3 by changing the saturation by 10% instead.

■ 1448A3

■ 1448A3

FFFFFF

■ 003288

■ 5D78DB

■ 001E6E

■ 7B91F8

■ 000655

■ 98ACFF

■ 00063D

■ B5C7FF

■ 000326

■ D3E3FF

■ 000110

■ F1FFFF

■ 000000

■ 1448A3

■ 1448A3

■ 043EA3

■ 2452A3

■ 003BA3

■ 355DA3

■ 4567A3

■ 5571A3

■ 657CA3

■ 7686A3

■ 8691A3

■ 969BA3

■ A7A5A3

Harmonies

Analogous

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



0057A7



1448A3



722F88

Triad

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



1448A3



8A2F02



005F3C

Complementary

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



1448A3



A36F14

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.



005C07



1448A3



6C4600

Square

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



1448A3



991132



435400



00606B

Rectangle

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



1448A3



8C1A6D



435400



005E2C

Sweetspot

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



1448A3



9DB1D4



14A36F



4A566B



EBEBEB



6B6B6B

Same Dimension

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



1448A3



004DD4



2714A3



494C52



003591



000612

Inverse Universe

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



A31448



D4004D



90A314



52494C



910035



120006

Previews

White Background



This preview shows how the Hex color 1448A3 looks on a white background.

Color Contrast Check

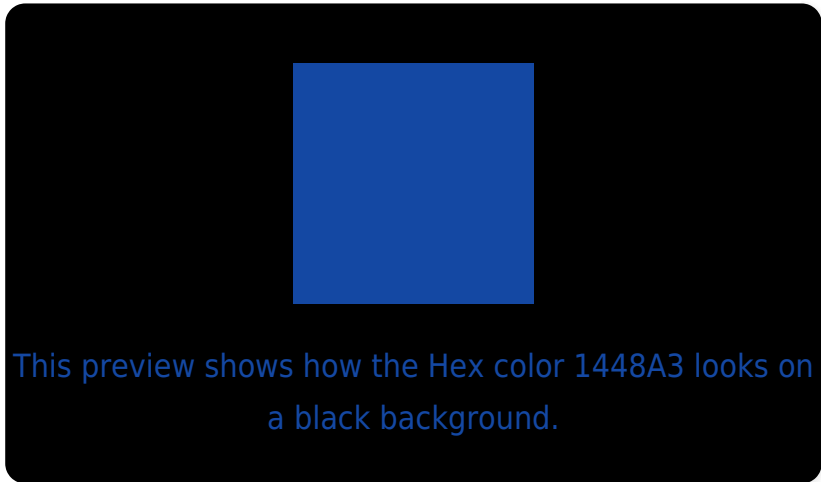
Large Text (above 18pt) WCAG AA ✓ Pass

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 1448A3 Background



This preview shows how black text looks on a background with the Hex color 1448A3.



This preview shows how white text looks on a background with the Hex color 1448A3.

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

1448A3

Protanopia

004A9D

Deuteranopia

004F88



Tritanopia
00565B

Trichromacy



Original Color
1448A3

Protanomaly
07499F

Deuteranomaly
074C92

Tritanomaly
075175

Monochromacy



Original Color
1448A3

Achromatopsia
434343

Achromatomaly
324566

CSS Examples

Text

The CSS property to change the color of the text to Hex 1448A3 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 #1448A3 looks like.

```
.text, #text, p{  
    color:#1448A3  
}
```

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 #1448A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1448A3
}
```

Border

The CSS property to change the border of an element to Hex 1448A3 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
#1448A3 }
```

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

```
.border{ border-color:#1448A3 }
```

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

Here you see how a box with a 4 pixel #1448A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1448A3; -webkit-box-shadow:4px 4px  
4px 4px #1448A3; box-shadow:4px 4px 4px  
4px #1448A3 }
```

Background

The CSS property to change the background color of an element to Hex 1448A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1448A3 }
```

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

```
.background{ background-color:#1448A3 }
```

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