

Converting Colors

Hex(4138A7)

Have a look what the booklet for
Hex(4138A7) contains.

Hex(4138A7)	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(4138A7)

Conversions

Conversions Part 1

Format	Color
Hex	4138A7
RGB	65, 56, 167
RGB Percent	25%, 22%, 65%
CMY	0.7451, 0.7804, 0.3451
CMYK	0.61, 0.66, 0.00, 0.35
HSL	245°, 50%, 44%
HSV	245°, 66%, 65%
XYZ	10.5692, 6.7422, 37.3035
YIQ	71.3450, -30.2670, 36.4290

Conversions

Conversions Part 2

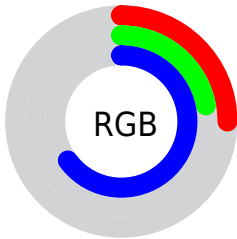
Format	Color
R_{YB}	65, 56, 167
Decimal	4274343
CIE _{Lab}	31.21, 36.94, -58.54
CIE _{LCh}	31, 69.223, 302.248
Yxy	6.7422, 0.1935, 0.1234
Android (android.graphics.Color)	4282464423 (0xFF4138A7)
YUV	71.3450, 47.1579, -5.5646
Hunter-Lab	25.9657, 27.2174, -67.0027

Details

The Hex color **4138A7** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9EA738**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7B68DF**, and **000C72** is the 20% darker color. If you saturate the color by 10%, you get **3227A7**, and if you desaturate by 10%, it is **5049A7**.

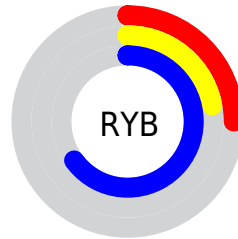
Distribution



Red (25%)

Green (22%)

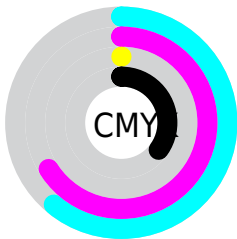
Blue (65%)



Red (25%)

Yellow (22%)

Blue (65%)

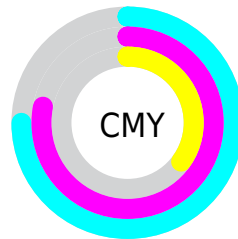


Cyan (61%)

Magenta (66%)

Yellow (0%)

Black (35%)



Cyan (75%)

Magenta (78%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4138A7 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 4138A7 by changing the saturation by 10% instead.

■ 4138A7

■ 4138A7

FFFFFF

■ 1E228C

■ 7B68DF

■ 000C72

■ 9881FC

■ 000059

■ B59CFF

■ 000740

■ D2B7FF

■ 000329

■ F0D2FF

■ 000113

■ FFEFFF

■ 000000

■ 4138A7

■ 4138A7

■ 3227A7

■ 5049A7

■ 2217A7

■ 6059A7

■ 1306A7

■ 6F6AA7

■ 0E00A7

■ 7E7BA7

■ 8E8BA7

■ 9D9CA7

■ ACADA7

■ BCBEA7

■ CBCEA7

Harmonies

Analogous

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



0050B8



4138A7



8A007D

Triad

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



4138A7



813000



005E4C

Complementary

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



4138A7



9EA738

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.



005C0E



4138A7



574900

Square

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



4138A7



9C0013



1A5600



005F83

Rectangle

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



4138A7



9E005A



1A5600



005D39

Sweetspot

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



4138A7



B1ADD9



38A0A7



55536E



EDEDED



6E6E6E

Same Dimension

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



4138A7



392BD9



7738A7



4C4C54



0C0094



020014

Inverse Universe

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



A7389E



D92BCB



68A738



544C53



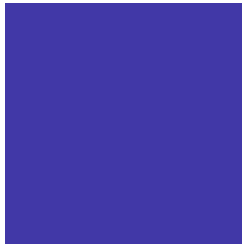
940088



140013

Previews

White Background



This preview shows how the Hex color 4138A7 looks on a white background.

Color Contrast Check

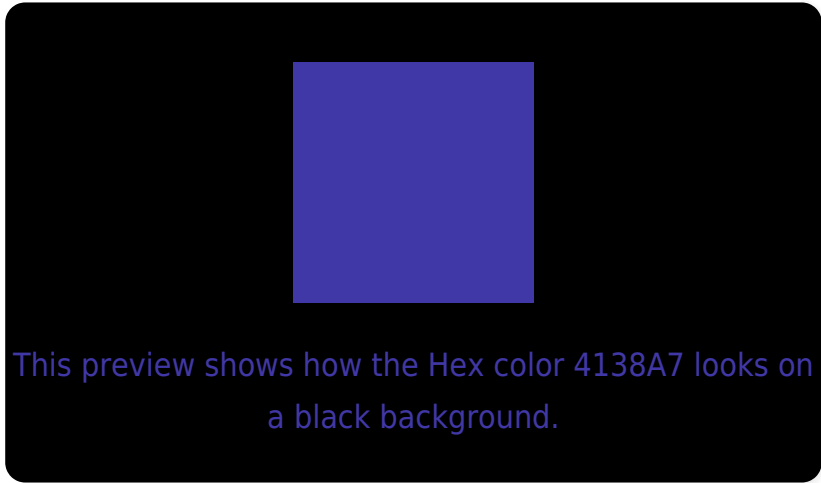
Large Text (above 18pt) WCAG AA ✓ Pass

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

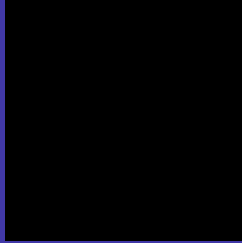
Any Text WCAG AA × Fail

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 4138A7 Background



This preview shows how black text looks on a background with the Hex color 4138A7.

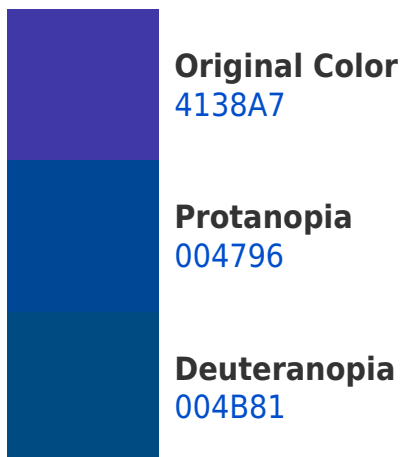


This preview shows how white text looks on a background with the Hex color 4138A7.

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](#).

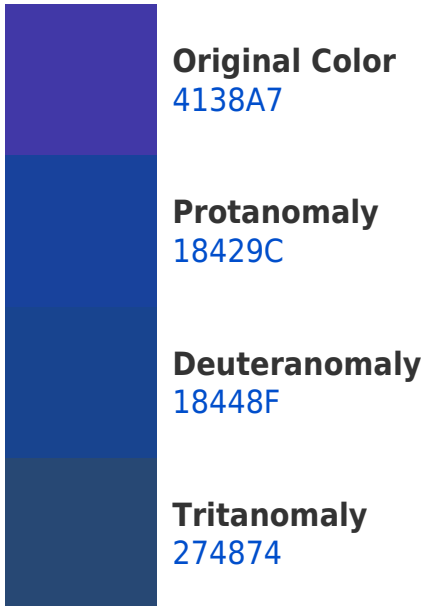
Dichromacy



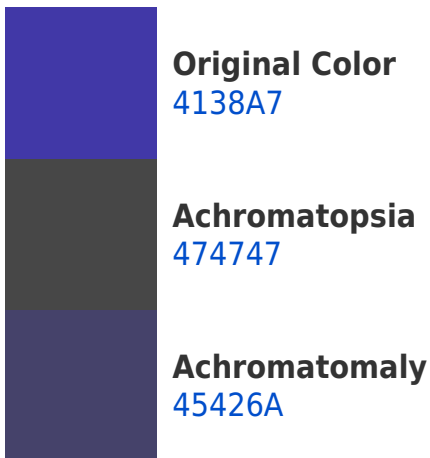


Tritanopia
185157

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4138A7 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 #4138A7 looks like.

```
.text, #text, p{  
    color:#4138A7  
}
```

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 #4138A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4138A7
}
```

Border

The CSS property to change the border of an element to Hex 4138A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

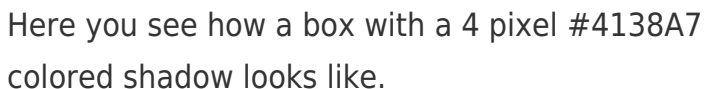
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4138A7 }
```

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

```
.border{ border-color:#4138A7 }
```

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



Here you see how a box with a 4 pixel #4138A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4138A7; -webkit-box-shadow:4px 4px  
4px 4px #4138A7; box-shadow:4px 4px 4px  
4px #4138A7 }
```

Background

The CSS property to change the background color of an element to Hex 4138A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4138A7 }
```

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

```
.background{ background-color:#4138A7 }
```

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