

Converting Colors

Hex(4110A3)

Have a look what the booklet for
Hex(4110A3) contains.

Hex(4110A3)	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(4110A3)

Conversions

Conversions Part 1

Format	Color
Hex	4110A3
RGB	65, 16, 163
RGB Percent	25%, 6%, 64%
CMY	0.7451, 0.9373, 0.3608
CMYK	0.60, 0.90, 0.00, 0.36
HSL	260°, 82%, 35%
HSV	260°, 90%, 64%
XYZ	8.9761, 4.1387, 34.9761
YIQ	47.4090, -17.9830, 56.1050

Conversions

Conversions Part 2

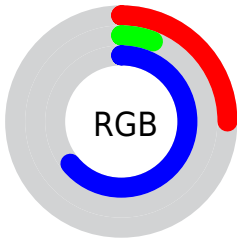
Format	Color
RYB	65, 16, 163
Decimal	4264099
CIELab	24.12, 54.74, -67.79
CIElCh	24, 87.135, 308.921
Yxy	4.1387, 0.1866, 0.0861
Android (android.graphics.Color)	4282454179 (0xFF4110A3)
YUV	47.4090, 56.9864, 15.4273
Hunter-Lab	20.3439, 43.1558, -87.6931

Details

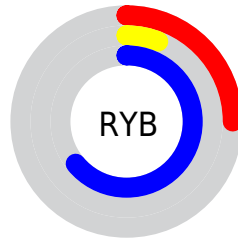
The Hex color **4110A3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **72A310**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7D46DB**, and **00006E** is the 20% darker color. If you saturate the color by 10%, you get **3600A3**, and if you desaturate by 10%, it is **4C20A3**.

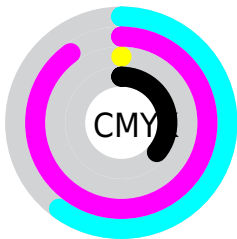
Distribution



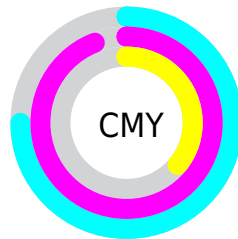
- Red (25%)
- Green (6%)
- Blue (64%)



- Red (25%)
- Yellow (6%)
- Blue (64%)



- Cyan (60%)
- Magenta (90%)
- Yellow (0%)
- Black (36%)



- Cyan (75%)
- Magenta (94%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4110A3 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 4110A3 by changing the saturation by 10% instead.

■ 4110A3

■ 4110A3

FFFFFF

■ 1C0088

■ 7D46DB

■ 00006E

■ 9B60F8

■ 000054

■ B87AFF

■ 00063C

■ D695FF

■ 000225

■ F4B1FF

■ 00010E

■ FFCDFE

■ 000000

■ FFE9FF

■ 4110A3

■ 4110A3

■ 3600A3

■ 4C20A3

■ 5731A3

■ 6241A3

■ 6C51A3

■ 7762A3

■ 8272A3

■ 8D82A3

■ 9892A3

■ A3A3A3

Harmonies

Analogous

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



0040C1



4110A3



8E006A

Triad

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



4110A3



6B2000



004E4C

Complementary

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



4110A3



72A310

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.



004C00



4110A3



363E00

Square

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



4110A3



900000



004800



00508D

Rectangle

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



4110A3



9F003F



004800



004E35

Sweetspot

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



4110A3



AE9BD4



1072A3



54496B



EBEBEB



6B6B6B

Same Dimension

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



4110A3



4700D4



8B10A3



4C4952



300091



060012

Inverse Universe

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



A31072



D4008D



28A310



52494F



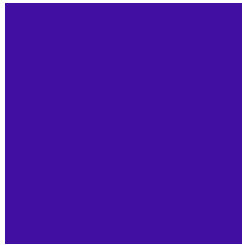
910061



12000C

Previews

White Background



This preview shows how the Hex color 4110A3 looks on a white background.

Color Contrast Check

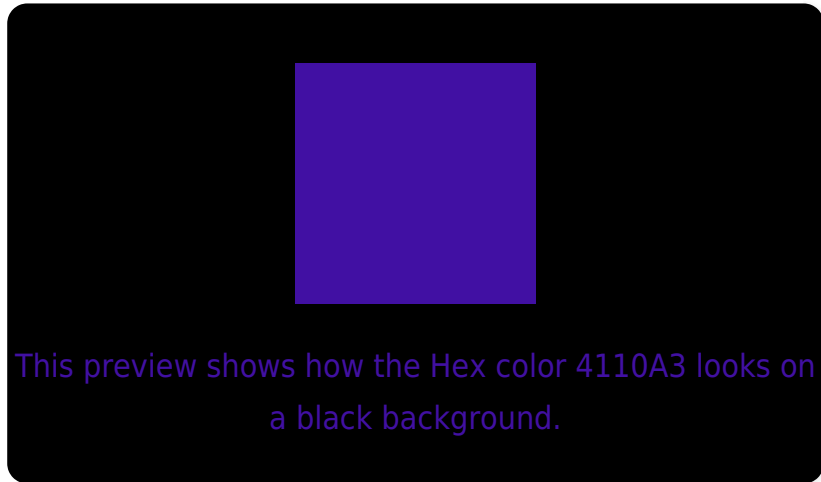
Large Text (above 18pt) WCAG AA ✓ Pass

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

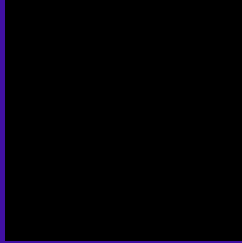
Any Text WCAG AA × Fail

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 4110A3 Background



This preview shows how black text looks on a background with the Hex color 4110A3.



This preview shows how white text looks on a background with the Hex color 4110A3.

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](#).

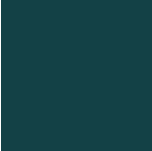
Dichromacy



Original Color
4110A3

Protanopia
003977

Deuteranopia
003D65



Tritanopia
134146

Trichromacy



Original Color
4110A3

Protanomaly
182A87

Deuteranomaly
182D7C

Tritanomaly
242F68

Monochromacy



Original Color
4110A3

Achromatopsia
2F2F2F

Achromatomaly
362459

CSS Examples

Text

The CSS property to change the color of the text to Hex 4110A3 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 #4110A3 looks like.

```
.text, #text, p{  
    color:#4110A3  
}
```

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 #4110A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4110A3  
}
```

Border

The CSS property to change the border of an element to Hex 4110A3 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  
#4110A3 }
```

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

```
.border{ border-color:#4110A3 }
```

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

Here you see how a box with a 4 pixel #4110A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4110A3; -webkit-box-shadow:4px 4px  
4px 4px #4110A3; box-shadow:4px 4px 4px  
4px #4110A3 }
```

Background

The CSS property to change the background color of an element to Hex 4110A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4110A3 }
```

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

```
.background{ background-color:#4110A3 }
```

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