

Converting Colors

Hex(7138A6)

Have a look what the booklet for
Hex(7138A6) contains.

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Color

Hex(7138A6)

Conversions

Conversions Part 1

Format	Color
Hex	7138A6
RGB	113, 56, 166
RGB Percent	44%, 22%, 65%
CMY	0.5569, 0.7804, 0.3490
CMYK	0.32, 0.66, 0.00, 0.35
HSL	271°, 50%, 44%
HSV	271°, 66%, 65%
XYZ	15.1072, 9.0922, 37.0351
YIQ	85.5830, -1.3380, 46.2940

Conversions

Conversions Part 2

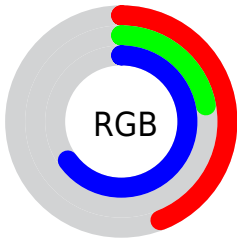
Format	Color
R_{YB}	113, 56, 166
Decimal	7420070
CIE _{Lab}	36.16, 46.01, -49.68
CIE _{LCh}	36, 67.710, 312.806
Yxy	9.0922, 0.2467, 0.1485
Android (android.graphics.Color)	4285610150 (0xFF7138A6)
YUV	85.5830, 39.6456, 24.0447
Hunter-Lab	30.1533, 36.6622, -51.7143

Details

The Hex color **7138A6** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6DA638**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A86BDE**, and **3B0171** is the 20% darker color. If you saturate the color by 10%, you get **6927A6**, and if you desaturate by 10%, it is **7949A6**.

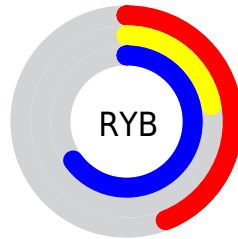
Distribution



Red (44%)

Green (22%)

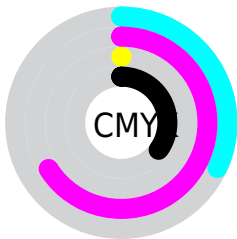
Blue (65%)



Red (44%)

Yellow (22%)

Blue (65%)

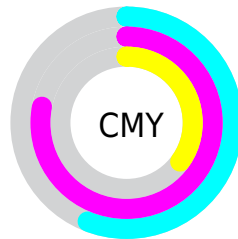


Cyan (32%)

Magenta (66%)

Yellow (0%)

Black (35%)



Cyan (56%)

Magenta (78%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7138A6 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 7138A6 by changing the saturation by 10% instead.

7138A6

7138A6

FFFFFF

561F8B

A86BDE

3B0171

C585FB

1E0058

E2A0FF

000040

FFBBFF

000329

FFD8FF

000113

FFF4FF

000000

7138A6

7138A6

6927A6

7949A6

6117A6

8159A6

5906A6

896AA6

5600A6

917AA6

998BA6

A19CA6

A9ACA6

B1BDA6

B9CDA6

Harmonies

Analogous

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



0055C1



7138A6



A30077

Triad

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



7138A6



824700



006B6C

Complementary

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



7138A6



6DA638

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.



006932



7138A6



545A00

Square

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



7138A6



A32508



006500



006A9F

Rectangle

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



7138A6



B00053



006500



006B59

Sweetspot

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



7138A6



C4ADD9



386DA6



61536E



EDEDED



6E6E6E

Same Dimension

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



7138A6



852BD9



A638A4



504C54



4D0094



0B0014

Inverse Universe

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



A6386D



D92B7F



38A63A



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color 7138A6 looks on a white background.

Color Contrast Check

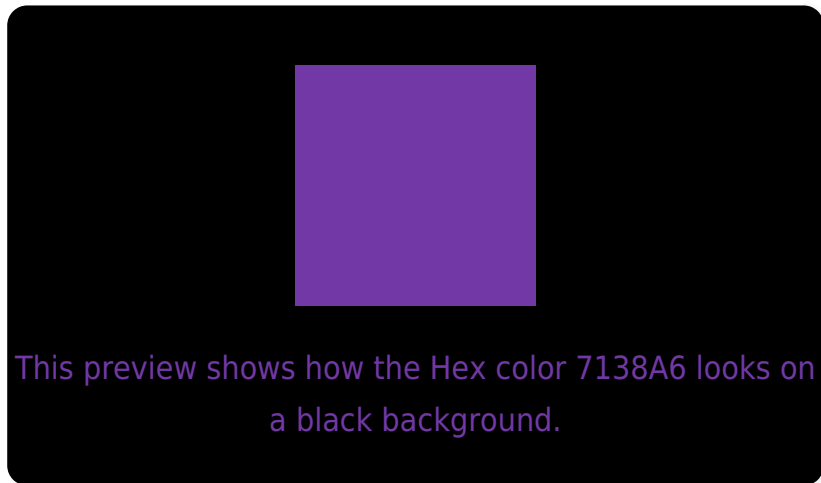
Large Text (above 18pt) WCAG AA ✓ Pass

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

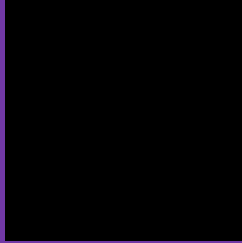
Any Text WCAG AA × Fail

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 7138A6 Background



This preview shows how black text looks on a background with the Hex color 7138A6.

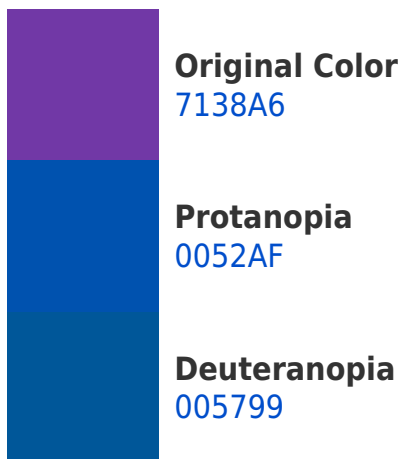


This preview shows how white text looks on a background with the Hex color 7138A6.

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](#).

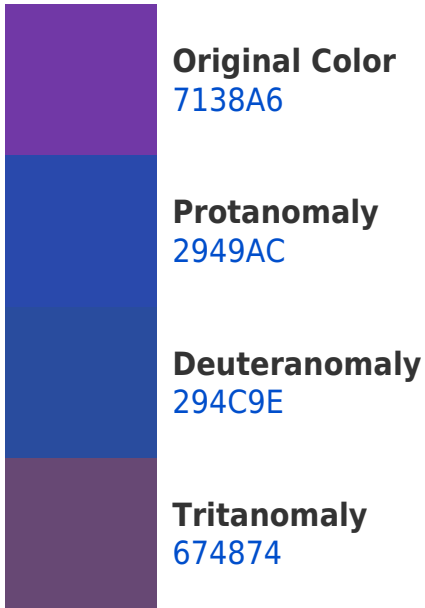
Dichromacy



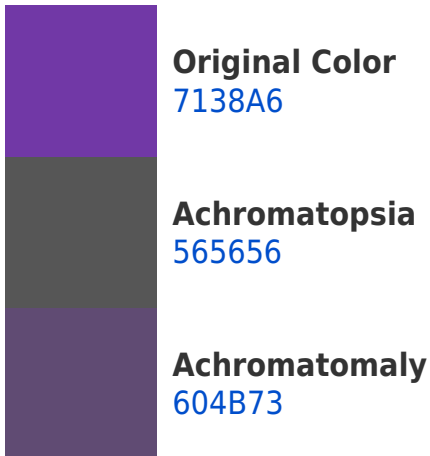


Tritanopia
625157

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7138A6 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 #7138A6 looks like.

```
.text, #text, p{  
    color:#7138A6  
}
```

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 #7138A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7138A6
}
```

Border

The CSS property to change the border of an element to Hex 7138A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

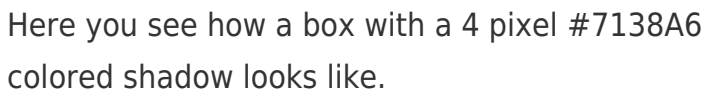
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7138A6 }
```

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

```
.border{ border-color:#7138A6 }
```

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



Here you see how a box with a 4 pixel #7138A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7138A6; -webkit-box-shadow:4px 4px  
4px 4px #7138A6; box-shadow:4px 4px 4px  
4px #7138A6 }
```

Background

The CSS property to change the background color of an element to Hex 7138A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7138A6 }
```

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

```
.background{ background-color:#7138A6 }
```

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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