

Converting Colors

Hex(6A38B0)

Have a look what the booklet for
Hex(6A38B0) contains.

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Color

Hex(6A38B0)

Conversions

Conversions Part 1

Format	Color
Hex	6A38B0
RGB	106, 56, 176
RGB Percent	42%, 22%, 69%
CMY	0.5843, 0.7804, 0.3098
CMYK	0.40, 0.68, 0.00, 0.31
HSL	265°, 52%, 45%
HSV	265°, 68%, 69%
XYZ	15.1945, 9.0271, 42.0159
YIQ	84.6300, -8.7200, 47.9200

Conversions

Conversions Part 2

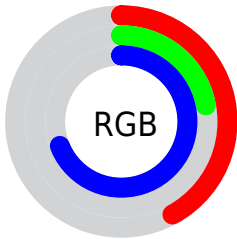
Format	Color
R _{YB}	106, 56, 176
Decimal	6961328
CIE Lab	36.04, 47.07, -55.89
CIE LCh	36, 73.069, 310.104
Yxy	9.0271, 0.2294, 0.1363
Android (android.graphics.Color)	4285151408 (0xFF6A38B0)
YUV	84.6300, 45.0454, 18.7415
Hunter-Lab	30.0451, 37.6925, -61.8810

Details

The Hex color **6A38B0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7EB038**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A26AE8**, and **31027A** is the 20% darker color. If you saturate the color by 10%, you get **6026B0**, and if you desaturate by 10%, it is **744AB0**.

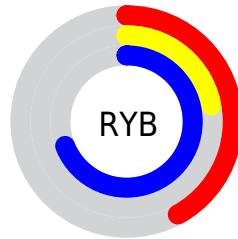
Distribution



Red (42%)

Green (22%)

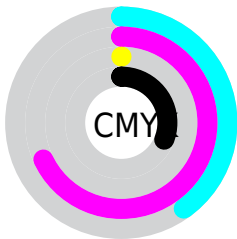
Blue (69%)



Red (42%)

Yellow (22%)

Blue (69%)

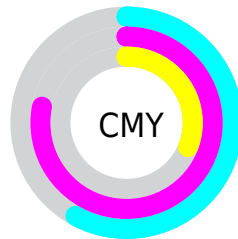


Cyan (40%)

Magenta (68%)

Yellow (0%)

Black (31%)



Cyan (58%)

Magenta (78%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A38B0 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 6A38B0 by changing the saturation by 10% instead.

6A38B0

6A38B0

FFFFFF

4E1F95

A26AE8

31027A

BF85FF

0E0061

DC9FFF

000048

FABBF

000431

FFD7FF

00011B

FFF4FF

000000

6A38B0

6A38B0

6026B0

744AB0

■ 5515B0

■ 7F5BB0

■ 4B03B0

■ 896DB0

■ 4900B0

■ 937EB0

■ 9D90B0

■ A8A2B0

■ B2B3B0

■ BCC5B0

■ C6D6B0

Harmonies

Analogous

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



0057CB



6A38B0



A6007E

Triad

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



6A38B0



874300



006C68

Complementary

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



6A38B0



7EB038

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.



006A29



6A38B0



575900

Square

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



6A38B0



A91507



006400



006CA0

Rectangle

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



6A38B0



B50057



006400



006B53

Sweetspot

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



6A38B0



CBB8E6



387EB0



635773



F2F2F2



737373

Same Dimension

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



6A38B0



7829E6



A638B0



545059



400099



0B001A

Inverse Universe

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



B0387E



E62997



42B038



595056



990059



1A000F

Previews

White Background



This preview shows how the Hex color 6A38B0 looks on a white background.

Color Contrast Check

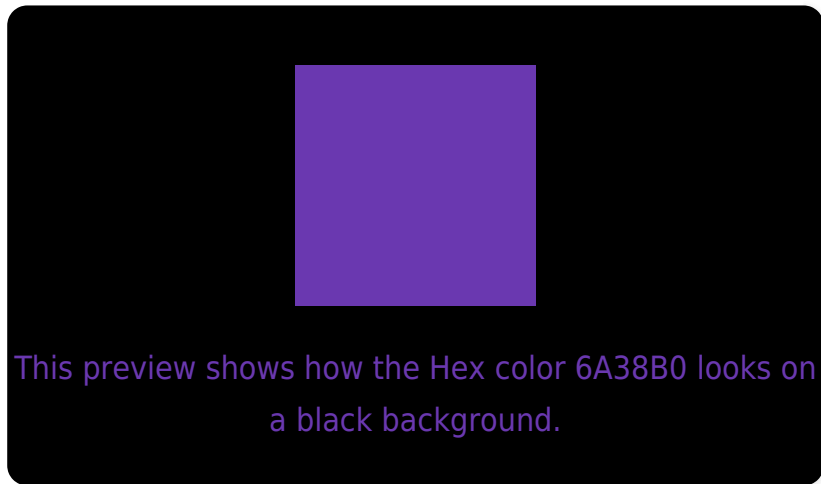
Large Text (above 18pt) WCAG AA ✓ Pass

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

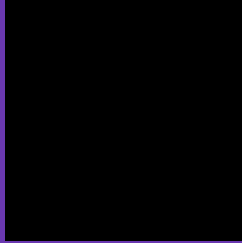
Any Text WCAG AA × Fail

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 6A38B0 Background



This preview shows how black text looks on a background with the Hex color 6A38B0.

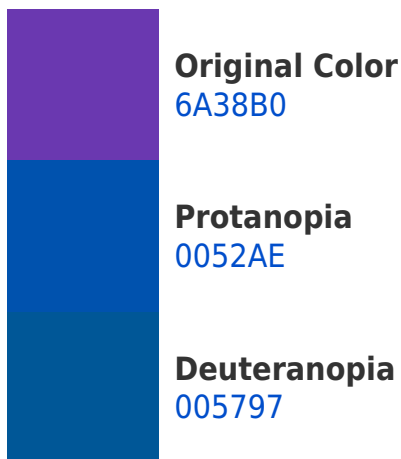



This preview shows how white text looks on a background with the Hex color 6A38B0.

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](#).

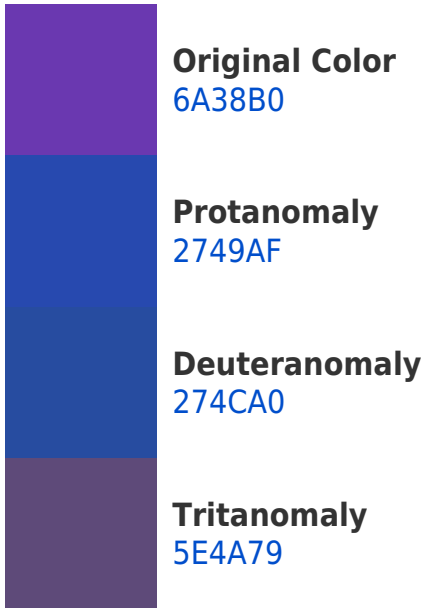
Dichromacy



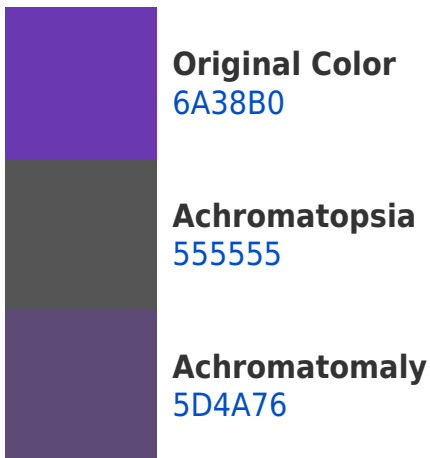


Tritanopia
57545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A38B0 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 #6A38B0 looks like.

```
.text, #text, p{  
    color:#6A38B0  
}
```

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 #6A38B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A38B0
}
```

Border

The CSS property to change the border of an element to Hex 6A38B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

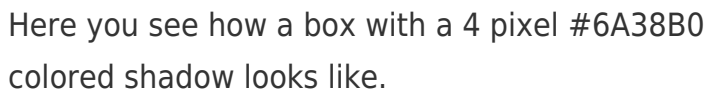
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A38B0 }
```

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

```
.border{ border-color:#6A38B0 }
```

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



Here you see how a box with a 4 pixel #6A38B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A38B0; -webkit-box-shadow:4px 4px  
4px 4px #6A38B0; box-shadow:4px 4px 4px  
4px #6A38B0 }
```

Background

The CSS property to change the background color of an element to Hex 6A38B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A38B0 }
```

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

```
.background{ background-color:#6A38B0 }
```

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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