

Converting Colors

Hex(7A55B0)

Have a look what the booklet for
Hex(7A55B0) contains.

Hex(7A55B0)	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(7A55B0)

Conversions

Conversions Part 1

Format	Color
Hex	7A55B0
RGB	122, 85, 176
RGB Percent	48%, 33%, 69%
CMY	0.5216, 0.6667, 0.3098
CMYK	0.31, 0.52, 0.00, 0.31
HSL	264°, 37%, 51%
HSV	264°, 52%, 69%
XYZ	19.1110, 13.7692, 42.7247
YIQ	106.4370, -7.1590, 36.1450

Conversions

Conversions Part 2

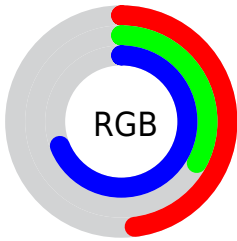
Format	Color
R_{YB}	122, 85, 176
Decimal	8017328
CIE _{Lab}	43.90, 34.73, -43.14
CIE _{LCh}	44, 55.388, 308.834
Yxy	13.7692, 0.2528, 0.1821
Android (android.graphics.Color)	4286207408 (0xFF7A55B0)
YUV	106.4370, 34.2946, 13.6488
Hunter-Lab	37.1068, 26.9954, -42.2917

Details

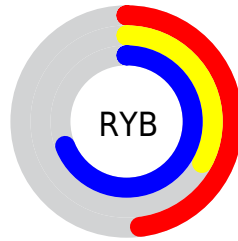
The Hex color **7A55B0** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8BB055**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B188E8**, and **45267B** is the 20% darker color. If you saturate the color by 10%, you get **7043B0**, and if you desaturate by 10%, it is **8467B0**.

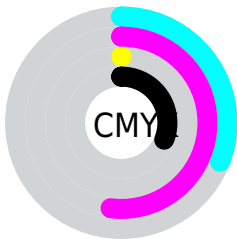
Distribution



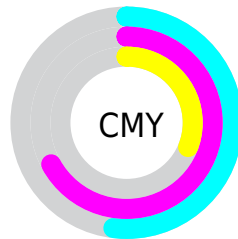
- Red (48%)
- Green (33%)
- Blue (69%)



- Red (48%)
- Yellow (33%)
- Blue (69%)



- Cyan (31%)
- Magenta (52%)
- Yellow (0%)
- Black (31%)



- Cyan (52%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A55B0 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 7A55B0 by changing the saturation by 10% instead.

7A55B0

7A55B0

FFFFFF

5F3D95

B188E8

45267B

CDA2FF

2B0F61

EABEFF

0F0049

FFDAFF

000032

FFF6FF

00011C

000000

7A55B0

7A55B0

7043B0

8467B0

6532B0

8F78B0

5B20B0

998AB0

500FB0

A49BB0

4800B0

AEADB0

B9BFB0

C3D0B0

CEE2B0

D8F3B0

Harmonies

Analogous

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



0069C3



7A55B0



A83F8A

Triad

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



7A55B0



975903



007D75

Complementary

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



7A55B0



8BB055

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.



007B45



7A55B0



716A00

Square

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



7A55B0



B14430



3E7516



007CA1

Rectangle

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



7A55B0



B7376C



3E7516



007C64

Sweetspot

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



7A55B0



D0C1E6



558CB0



665D73



F2F2F2



737373

Same Dimension

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



7A55B0



9157E6



A755B0



545059



3E0099



0A001A

Inverse Universe

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



B0558B



E657AC



5EB055



595056



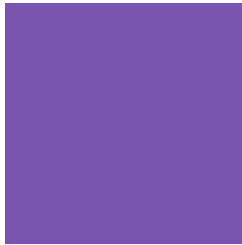
99005B



1A000F

Previews

White Background



This preview shows how the Hex color 7A55B0 looks on a white background.

Color Contrast Check

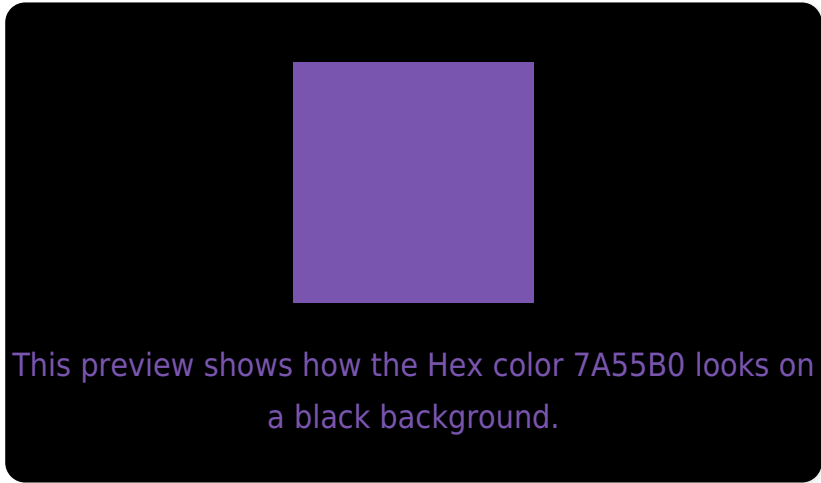
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7A55B0 Background



This preview shows how black text looks on a background with the Hex color 7A55B0.

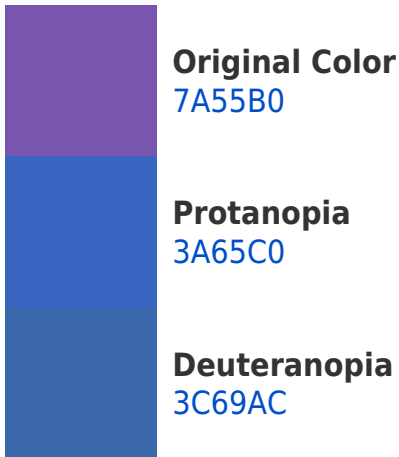


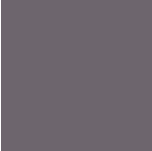
This preview shows how white text looks on a background with the Hex color 7A55B0.

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](#).

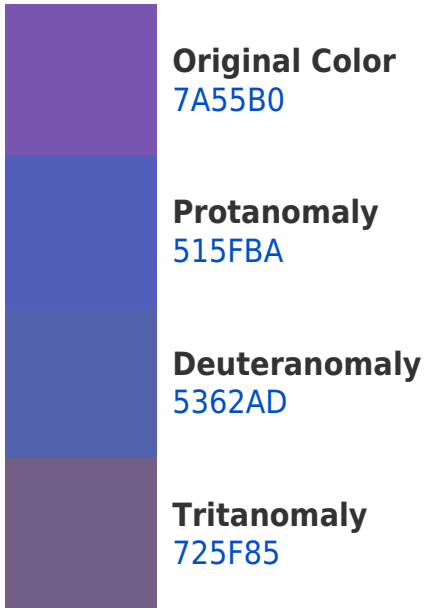
Dichromacy



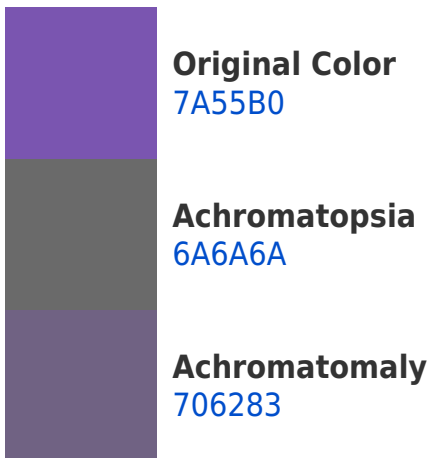


Tritanopia
6D656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A55B0 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 #7A55B0 looks like.

```
.text, #text, p{  
    color:#7A55B0  
}
```

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 #7A55B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A55B0
}
```

Border

The CSS property to change the border of an element to Hex 7A55B0 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
#7A55B0 }
```

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

```
.border{ border-color:#7A55B0 }
```

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

Here you see how a box with a 4 pixel #7A55B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A55B0; -webkit-box-shadow:4px 4px  
4px 4px #7A55B0; box-shadow:4px 4px 4px  
4px #7A55B0 }
```

Background

The CSS property to change the background color of an element to Hex 7A55B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A55B0 }
```

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

```
.background{ background-color:#7A55B0 }
```

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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