

Converting Colors

Hex(653998)

Have a look what the booklet for
Hex(653998) contains.

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Color

Hex(653998)

Conversions

Conversions Part 1

Format	Color
Hex	653998
RGB	101, 57, 152
RGB Percent	40%, 22%, 60%
CMY	0.6039, 0.7765, 0.4039
CMYK	0.34, 0.62, 0.00, 0.40
HSL	268°, 45%, 41%
HSV	268°, 62%, 60%
XYZ	12.4975, 7.9600, 30.5835
YIQ	80.9860, -4.2710, 38.8730

Conversions

Conversions Part 2

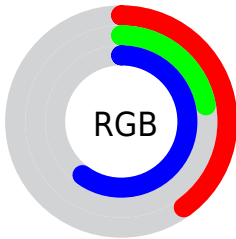
Format	Color
R_{YB}	101, 57, 152
Decimal	6633880
CIE _{Lab}	33.90, 39.17, -44.95
CIE _{LCh}	34, 59.619, 311.070
Yxy	7.9600, 0.2449, 0.1560
Android (android.graphics.Color)	4284823960 (0xFF653998)
YUV	80.9860, 35.0099, 17.5523
Hunter-Lab	28.2134, 29.6952, -44.5214

Details

The Hex color **653998** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6C9839**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9B6ACF**, and **300764** is the 20% darker color. If you saturate the color by 10%, you get **5D2A98**, and if you desaturate by 10%, it is **6D4898**.

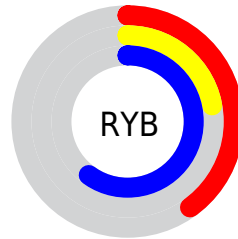
Distribution



Red (40%)

Green (22%)

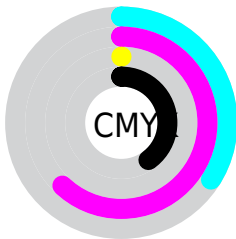
Blue (60%)



Red (40%)

Yellow (22%)

Blue (60%)

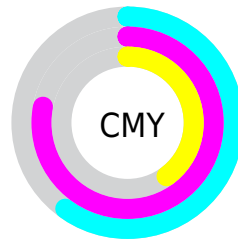


Cyan (34%)

Magenta (62%)

Yellow (0%)

Black (40%)



Cyan (60%)

Magenta (78%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653998 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 653998 by changing the saturation by 10% instead.

653998

653998

FFFFFF

4B217E

9B6ACF

300764

B784EB

15004C

D49FFF

000034

F1BAFF

00021E

FFD6FF

000000

FFF3FF

653998

653998

5D2A98

6D4898

■ 551B98

■ 755798

■ 4D0B98

■ 7D6798

■ 460098

■ 867698

■ 8E8598

■ 969498

■ 9EA398

■ A6B398

■ AEC298

Harmonies

Analogous

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



0050AE



653998



931770

Triad

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



653998



7A4200



006461

Complementary

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



653998



6C9839

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.



00622F



653998



535300

Square

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



653998



962712



145D00



00638D

Rectangle

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



653998



9F0050



145D00



006350

Sweetspot

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



653998



B09FC4



396D98



574D63



E3E3E3



636363

Same Dimension

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



653998



7531C4



933998



48454D



41008C



06000D

Inverse Universe

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



98396C



C43180



3E9839



4D4549



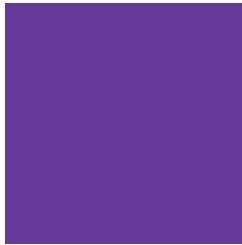
8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 653998 looks on a white background.

Color Contrast Check

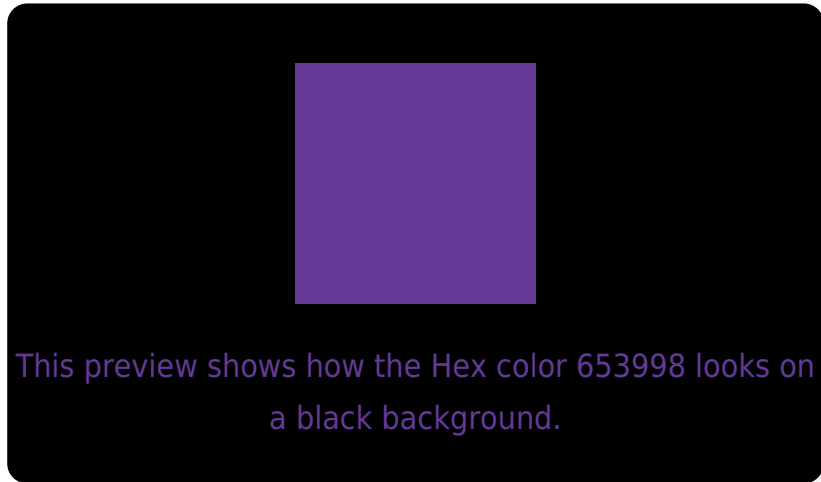
Large Text (above 18pt) WCAG AA ✓ Pass

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

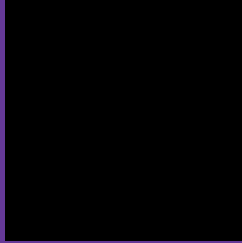
Any Text WCAG AA × Fail

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 653998 Background



This preview shows how black text looks on a background with the Hex color 653998.

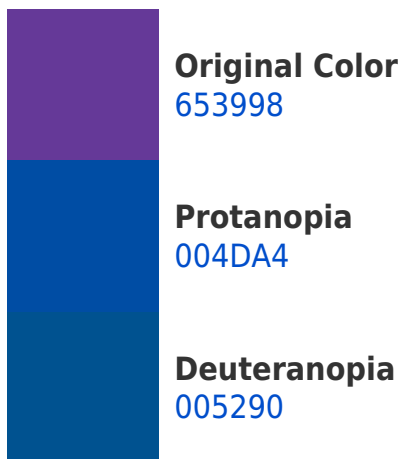


This preview shows how white text looks on a background with the Hex color 653998.

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](#).

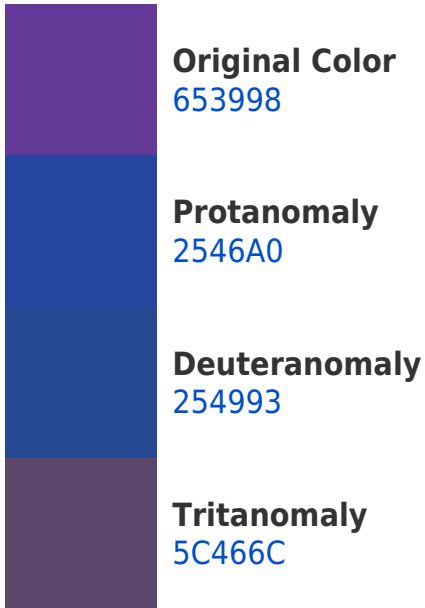
Dichromacy



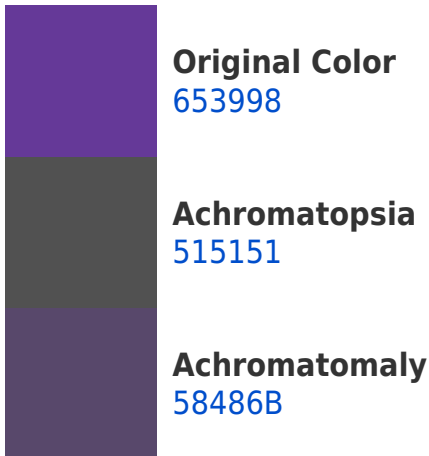


Tritanopia
574D53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 653998 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 #653998 looks like.

```
.text, #text, p{  
    color:#653998  
}
```

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 #653998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653998
}
```

Border

The CSS property to change the border of an element to Hex 653998 is called "border". The border property can be set on classes, ids or directly on the HTML element.

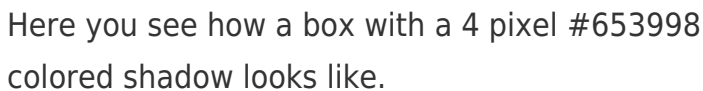
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653998 }
```

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

```
.border{ border-color:#653998 }
```

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



Here you see how a box with a 4 pixel #653998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653998; -webkit-box-shadow:4px 4px  
4px 4px #653998; box-shadow:4px 4px 4px  
4px #653998 }
```

Background

The CSS property to change the background color of an element to Hex 653998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653998 }
```

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

```
.background{ background-color:#653998 }
```

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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