

Converting Colors

Hex(654C94)

Have a look what the booklet for
Hex(654C94) contains.

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Color

Hex(654C94)

Conversions

Conversions Part 1

Format	Color
Hex	654C94
RGB	101, 76, 148
RGB Percent	40%, 30%, 58%
CMY	0.6039, 0.7020, 0.4196
CMYK	0.32, 0.49, 0.00, 0.42
HSL	261°, 32%, 44%
HSV	261°, 49%, 58%
XYZ	13.2966, 10.0737, 29.2606
YIQ	91.6830, -8.2120, 27.6920

Conversions

Conversions Part 2

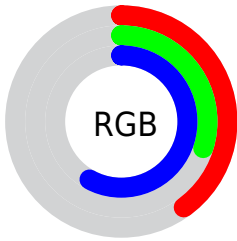
Format	Color
R_{YB}	101, 76, 148
Decimal	6638740
CIE _{Lab}	37.97, 26.91, -36.00
CIE _{LCh}	38, 44.950, 306.776
Yxy	10.0737, 0.2526, 0.1914
Android (android.graphics.Color)	4284828820 (0xFF654C94)
YUV	91.6830, 27.7643, 8.1710
Hunter-Lab	31.7391, 19.2362, -32.4427

Details

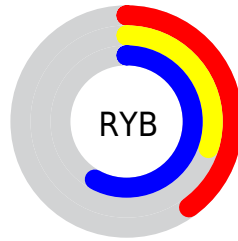
The Hex color **654C94** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B944C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9A7DCB**, and **321F61** is the 20% darker color. If you saturate the color by 10%, you get **5B3D94**, and if you desaturate by 10%, it is **6F5B94**.

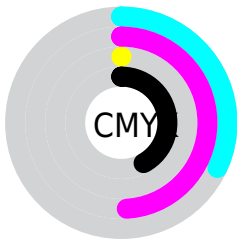
Distribution



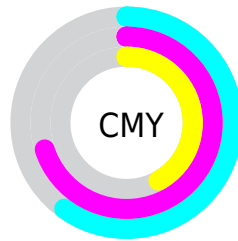
- Red (40%)
- Green (30%)
- Blue (58%)



- Red (40%)
- Yellow (30%)
- Blue (58%)



- Cyan (32%)
- Magenta (49%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 654C94 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 654C94 by changing the saturation by 10% instead.

654C94

654C94

FFFFFF

4B357A

9A7DCB

321F61

B598E7

190A48

D2B2FF

000032

EECEFF

00011C

FFEAFF

000000

654C94

654C94

5B3D94

6F5B94

522E94

786A94

■ 482094

■ 827894

■ 3E1194

■ 8C8794

■ 350294

■ 959694

■ 330094

■ 9FA594

■ A9B494

■ B2C294

■ BCD194

Harmonies

Analogous

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



005BA2



654C94



8B3C77

Triad

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



654C94



824D12



006A61

Complementary

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



654C94



7B944C

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.



00683B



654C94



645A03

Square

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



654C94



963E30



3D6319



006A84

Rectangle

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



654C94



98365F



3D6319



006A54

Sweetspot

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



654C94



ADA3BF



4C7C94



564F61



E0E0E0



616161

Same Dimension

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



654C94



7750BF



884C94



45434A



30008A



04000A

Inverse Universe

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



944C7B



BF5099



58944C



4A4347



8A005A



0A0007

Previews

White Background



This preview shows how the Hex color 654C94 looks on a white background.

Color Contrast Check

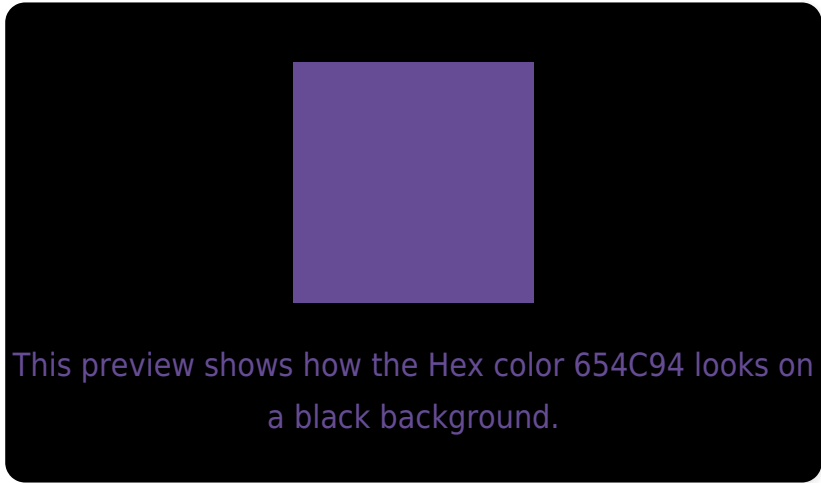
Large Text (above 18pt) WCAG AA ✓ Pass

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

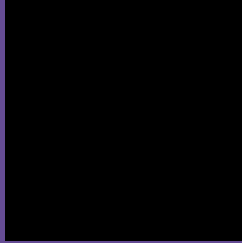
Any Text WCAG AA × Fail

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 654C94 Background



This preview shows how black text looks on a background with the Hex color 654C94.

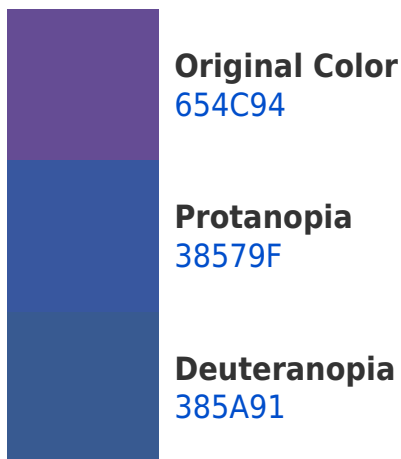



This preview shows how white text looks on a background with the Hex color 654C94.

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
5B585F

Trichromacy



Original Color
654C94

Protanomaly
48539B

Deuteranomaly
485592

Tritanomaly
5F5472

Monochromacy



Original Color
654C94

Achromatopsia
5C5C5C

Achromatomaly
5F5670

CSS Examples

Text

The CSS property to change the color of the text to Hex 654C94 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 #654C94 looks like.

```
.text, #text, p{  
    color:#654C94  
}
```

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 #654C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #654C94
}
```

Border

The CSS property to change the border of an element to Hex 654C94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

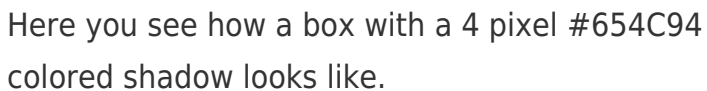
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#654C94 }
```

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

```
.border{ border-color:#654C94 }
```

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



Here you see how a box with a 4 pixel #654C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #654C94; -webkit-box-shadow:4px 4px  
4px 4px #654C94; box-shadow:4px 4px 4px  
4px #654C94 }
```

Background

The CSS property to change the background color of an element to Hex 654C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#654C94 }
```

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

```
.background{ background-color:#654C94 }
```

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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