

Converting Colors

Hex(634F9B)

Have a look what the booklet for
Hex(634F9B) contains.

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Color

Hex(634F9B)

Conversions

Conversions Part 1

Format	Color
Hex	634F9B
RGB	99, 79, 155
RGB Percent	39%, 31%, 61%
CMY	0.6118, 0.6902, 0.3922
CMYK	0.36, 0.49, 0.00, 0.39
HSL	256°, 32%, 46%
HSV	256°, 49%, 61%
XYZ	13.8580, 10.6112, 32.3281
YIQ	93.6440, -12.4760, 27.8760

Conversions

Conversions Part 2

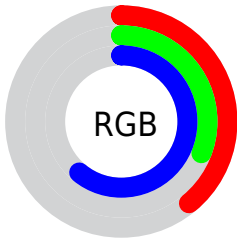
Format	Color
R_{YB}	99, 79, 155
Decimal	6508443
CIE _{Lab}	38.92, 26.45, -38.74
CIE _{LCh}	39, 46.907, 304.322
Yxy	10.6112, 0.2440, 0.1868
Android (android.graphics.Color)	4284698523 (0xFF634F9B)
YUV	93.6440, 30.2485, 4.6972
Hunter-Lab	32.5748, 18.9316, -36.0387

Details

The Hex color **634F9B** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **879B4F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9881D2**, and **2F2267** is the 20% darker color. If you saturate the color by 10%, you get **58409B**, and if you desaturate by 10%, it is **6E5F9B**.

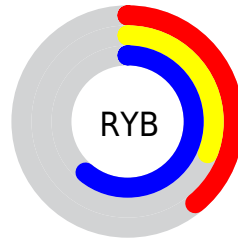
Distribution



Red (39%)

Green (31%)

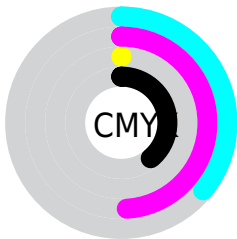
Blue (61%)



Red (39%)

Yellow (31%)

Blue (61%)

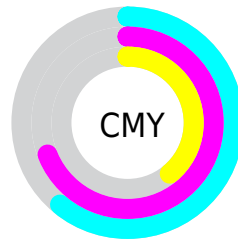


Cyan (36%)

Magenta (49%)

Yellow (0%)

Black (39%)



Cyan (61%)

Magenta (69%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634F9B 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 634F9B by changing the saturation by 10% instead.

634F9B

634F9B

FFFFFF

493881

9881D2

2F2267

B49BEE

140D4F

D0B6FF

000037

EDD1FF

000221

FFEEFF

000006

000000

634F9B

634F9B

58409B

6E5F9B

■ 4C309B

■ 7A6E9B

■ 41219B

■ 857E9B

■ 35119B

■ 918D9B

■ 2A019B

■ 9C9D9B

■ 29009B

■ A8AC9B

■ B3BB9B

■ BECB9B

■ CADB9B

Harmonies

Analogous

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



005EA8



634F9B



8E3E7D

Triad

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



634F9B



884D12



006D60

Complementary

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



634F9B



879B4F

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.



006B39



634F9B



695C00

Square

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



634F9B



9C3D33



426615



006D86

Rectangle

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



634F9B



9C3665



426615



006D53

Sweetspot

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



634F9B



B3ABC9



4F889B



585466



E6E6E6



666666

Same Dimension

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



634F9B



7253C9



884F9B



47454D



25008C



03000D

Inverse Universe

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



9B4F87



C953AA



629B4F



4D454A



8C0067



0D0009

Previews

White Background



This preview shows how the Hex color 634F9B 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

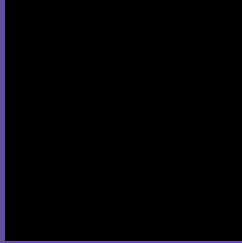
Any Text WCAG AA × Fail

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 634F9B Background



This preview shows how black text looks on a background with the Hex color 634F9B.

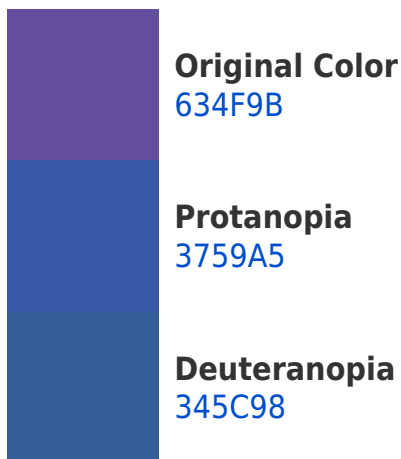



This preview shows how white text looks on a background with the Hex color 634F9B.

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
575C64

Trichromacy



Original Color
634F9B

Protanomaly
4755A1

Deuteranomaly
455799

Tritanomaly
5B5778

Monochromacy



Original Color
634F9B

Achromatopsia
5E5E5E

Achromatomaly
605974

CSS Examples

Text

The CSS property to change the color of the text to Hex 634F9B 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 #634F9B looks like.

```
.text, #text, p{  
    color:#634F9B  
}
```

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 #634F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634F9B
}
```

Border

The CSS property to change the border of an element to Hex 634F9B 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
#634F9B }
```

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

```
.border{ border-color:#634F9B }
```

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

Here you see how a box with a 4 pixel #634F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634F9B; -webkit-box-shadow:4px 4px  
4px 4px #634F9B; box-shadow:4px 4px 4px  
4px #634F9B }
```

Background

The CSS property to change the background color of an element to Hex 634F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634F9B }
```

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

```
.background{ background-color:#634F9B }
```

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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