

Converting Colors

Hex(634182)

Have a look what the booklet for
Hex(634182) contains.

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Color

Hex(634182)

Conversions

Conversions Part 1

Format	Color
Hex	634182
RGB	99, 65, 130
RGB Percent	39%, 25%, 51%
CMY	0.6118, 0.7451, 0.4902
CMYK	0.24, 0.50, 0.00, 0.49
HSL	271°, 33%, 38%
HSV	271°, 50%, 51%
XYZ	11.0652, 8.0449, 22.0887
YIQ	82.5760, -0.6010, 27.4230

Conversions

Conversions Part 2

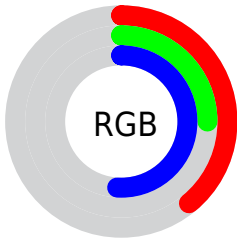
Format	Color
R_{YB}	99, 65, 130
Decimal	6504834
CIE _{Lab}	34.08, 28.30, -31.18
CIE _{LCh}	34, 42.104, 312.225
Yxy	8.0449, 0.2686, 0.1953
Android (android.graphics.Color)	4284694914 (0xFF634182)
YUV	82.5760, 23.3800, 14.4038
Hunter-Lab	28.3636, 19.9997, -26.3187

Details

The Hex color **634182** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **608241**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9772B7**, and **321450** is the 20% darker color. If you saturate the color by 10%, you get **5D3482**, and if you desaturate by 10%, it is **694E82**.

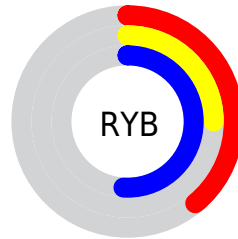
Distribution



Red (39%)

Green (25%)

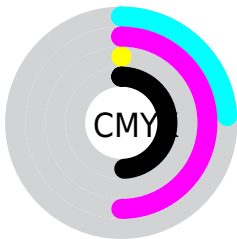
Blue (51%)



Red (39%)

Yellow (25%)

Blue (51%)

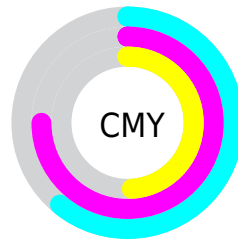


Cyan (24%)

Magenta (50%)

Yellow (0%)

Black (49%)



Cyan (61%)

Magenta (75%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634182 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 634182 by changing the saturation by 10% instead.

■ 634182

■ 634182

FFFFFF

■ 4A2A69

■ 9772B7

■ 321450

■ B38CD3

■ 1B0039

■ CFA6F0

■ 000023

■ EBC2FF

■ 000009

■ FFDEFF

■ 000000

■ FFFAFF

■ 634182

■ 634182

■ 5D3482

■ 694E82

■ 572782

■ 6F5B82

■ 501A82

■ 766882

■ 4A0D82

■ 7C7582

■ 440082

■ 828282

■ 888F82

■ 8E9C82

■ 95A982

■ 9BB682

Harmonies

Analogous

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



214F92



634182



823365

Triad

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



634182



714709



00605D

Complementary

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



634182



608241

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.



005E3A



634182



545302

Square

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



634182



853925



2E5A1A



005E7C

Rectangle

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



634182



8B2F4F



2E5A1A



006052

Sweetspot

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



634182



9C8FA8



416082



4D4554



D4D4D4



545454

Same Dimension

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



634182



7843A8



824181



3D3940



430080



000000

Inverse Universe

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



824160



A84373



418242



40393C



80003D



000000

Previews

White Background



This preview shows how the Hex color 634182 looks on a white background.

Color Contrast Check

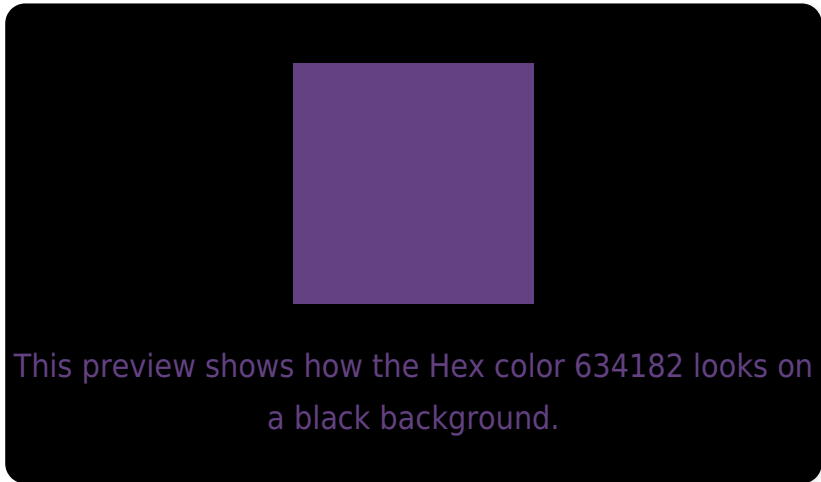
Large Text (above 18pt) WCAG AA ✓ Pass

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

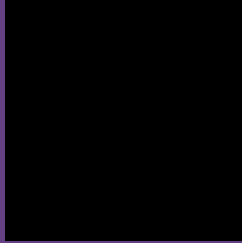
Any Text WCAG AA × Fail

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 634182 Background



This preview shows how black text looks on a background with the Hex color 634182.

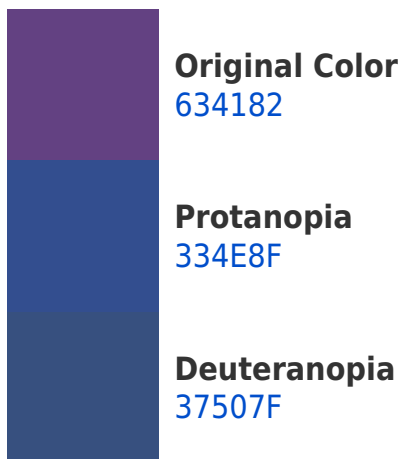



This preview shows how white text looks on a background with the Hex color 634182.

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
5B4C52

Trichromacy



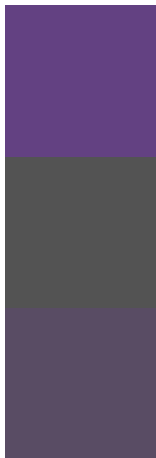
Original Color
634182

Protanomaly
44498A

Deuteranomaly
474B80

Tritanomaly
5E4863

Monochromacy



Original Color
634182

Achromatopsia
535353

Achromatomaly
594C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 634182 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 #634182 looks like.

```
.text, #text, p{  
    color:#634182  
}
```

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 #634182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634182
}
```

Border

The CSS property to change the border of an element to Hex 634182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

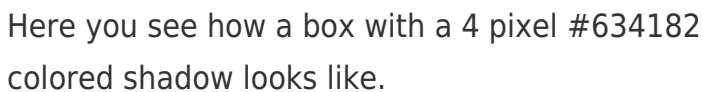
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634182 }
```

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

```
.border{ border-color:#634182 }
```

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



Here you see how a box with a 4 pixel #634182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634182; -webkit-box-shadow:4px 4px  
4px 4px #634182; box-shadow:4px 4px 4px  
4px #634182 }
```

Background

The CSS property to change the background color of an element to Hex 634182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634182 }
```

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

```
.background{ background-color:#634182 }
```

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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