

Converting Colors

Hex(634961)

Have a look what the booklet for
Hex(634961) contains.

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Color

Hex(634961)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 634961 |
| RGB | 99, 73, 97 |
| RGB Percent | 39%, 29%, 38% |
| CMY | 0.6118, 0.7137, 0.6196 |
| CMYK | 0.00, 0.26, 0.02, 0.61 |
| HSL | 305°, 15%, 34% |
| HSV | 305°, 26%, 39% |
| XYZ | 9.6858, 8.2808, 12.3971 |
| YIQ | 83.5100, 7.7920, 12.9760 |

Conversions

Conversions Part 2

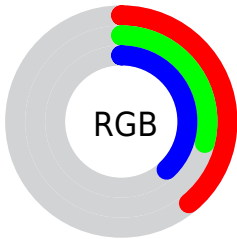
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 99, 73, 97 |
| Decimal | 6506849 |
| CIELab | 34.56, 15.61, -9.76 |
| CIELCh | 35, 18.410, 327.979 |
| Yxy | 8.2808, 0.3190, 0.2727 |
| Android (android.graphics.Color) | 4284696929 (0xFF634961) |
| YUV | 83.5100, 6.6506, 13.5847 |
| Hunter-Lab | 28.7764, 9.7224, -5.3992 |

Details

The Hex color **634961** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **49634B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **967A94**, and **341D33** is the 20% darker color. If you saturate the color by 10%, you get **633F60**, and if you desaturate by 10%, it is **635362**.

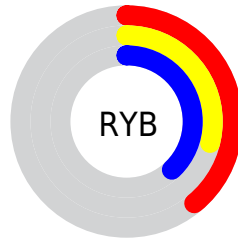
Distribution



 Red (39%)

 Green (29%)

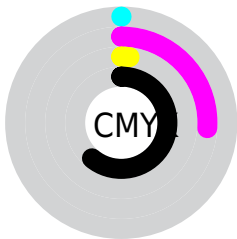
 Blue (38%)



 Red (39%)

 Yellow (29%)

 Blue (38%)

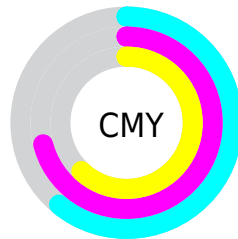



 Cyan (0%)

 Magenta (26%)

 Yellow (2%)

 Black (61%)



 Cyan (61%)

 Magenta (71%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634961 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 634961 by changing the saturation by 10% instead.

■ 634961

■ 634961

FFFFFF

■ 4B3249

■ 967A94

■ 341D33

■ B194AE

■ 1F051E

■ CDAECA

■ 000001

■ E9CAE6

■ 000000

■ FFE6FF

■ 634961

■ 634961

■ 633F60

■ 635362

■ 63355F

■ 635D63

632B5F

636763

63215E

637164

63185D

637B65

630E5C

638466

63045C

638E66

63005B

639867

63A268

Harmonies

Analogous

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



524E6B



634961



6D4653

Triad

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



634961



5C5034



21595E

Complementary

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



634961



49634B

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.



2B5950



634961



4D5537

Square

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



634961



684B39



3C5841



28576A

Rectangle

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



634961



6F4749



3C5841



23595A

Sweetspot

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



634961



80757F



4B4963



40393F



BFBFBF



404040

Same Dimension

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



634961



80577C



634954



302C30



700068



F000DD

Inverse Universe

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



634961



80577C



496358



302C30



700068



F000DD

Previews

White Background



This preview shows how the Hex color 634961 looks on a white background.

Color Contrast Check

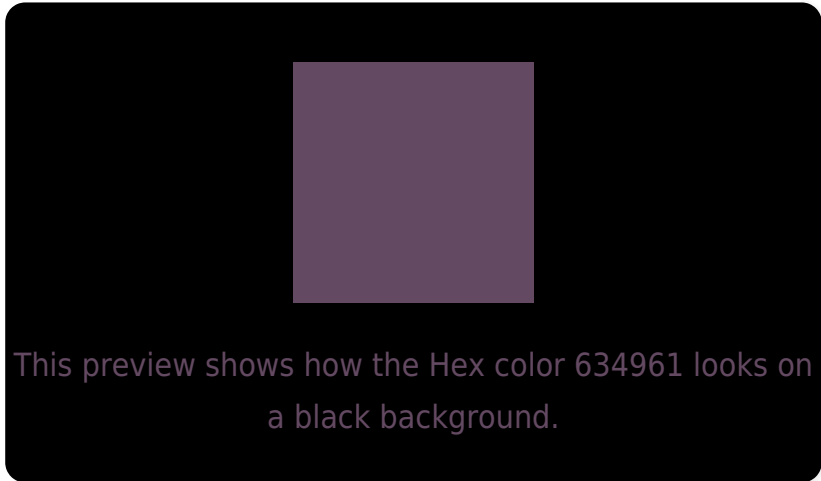
Large Text (above 18pt) WCAG AA ✓ Pass

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

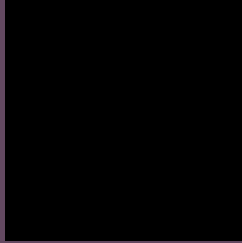
Any Text WCAG AA × Fail

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 634961 Background



This preview shows how black text looks on a background with the Hex color 634961.



This preview shows how white text looks on a background with the Hex color 634961.

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



Original Color
634961

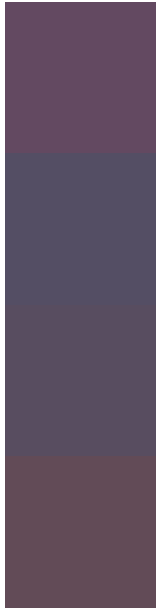
Protanopia
4C5166

Deuteranopia
525060



Tritanopia
614C52

Trichromacy



Original Color
634961

Protanomaly
544E64

Deuteranomaly
584D60

Tritanomaly
624B57

Monochromacy



Original Color
634961

Achromatopsia
545454

Achromatomaly
595059

CSS Examples

Text

The CSS property to change the color of the text to Hex 634961 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 #634961 looks like.

```
.text, #text, p{  
    color:#634961  
}
```

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 #634961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634961
}
```

Border

The CSS property to change the border of an element to Hex 634961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

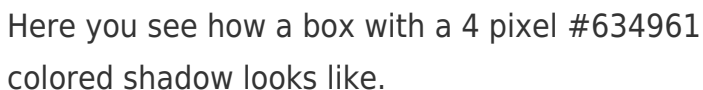
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634961 }
```

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

```
.border{ border-color:#634961 }
```

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



Here you see how a box with a 4 pixel #634961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634961; -webkit-box-shadow:4px 4px  
4px 4px #634961; box-shadow:4px 4px 4px  
4px #634961 }
```

Background

The CSS property to change the background color of an element to Hex 634961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634961 }
```

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

```
.background{ background-color:#634961 }
```

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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