

Converting Colors

Hex(661434)

Have a look what the booklet for
Hex(661434) contains.

Hex(661434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(661434)

Conversions

Conversions Part 1

Format	Color
Hex	661434
RGB	102, 20, 52
RGB Percent	40%, 8%, 20%
CMY	0.6000, 0.9216, 0.7961
CMYK	0.00, 0.80, 0.49, 0.60
HSL	337°, 67%, 24%
HSV	337°, 80%, 40%
XYZ	6.3495, 3.5730, 3.6038
YIQ	48.1660, 38.6000, 27.3360

Conversions

Conversions Part 2

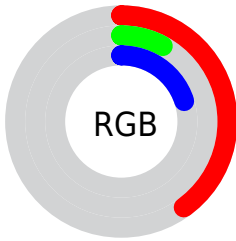
Format	Color
R_{YB}	102, 20, 52
Decimal	6689844
CIE Lab	22.21, 38.20, 1.66
CIE LCh	22, 38.232, 2.487
Yxy	3.5730, 0.4694, 0.2642
Android (android.graphics.Color)	4284879924 (0xFF661434)
YUV	48.1660, 1.8902, 47.2124
Hunter-Lab	18.9024, 26.8802, 1.9279

Details

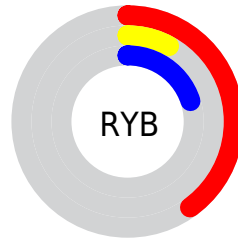
The Hex color **661434** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **146646**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **9D4862**, and **340006** is the 20% darker color. If you saturate the color by 10%, you get **660A2E**, and if you desaturate by 10%, it is **661E3A**.

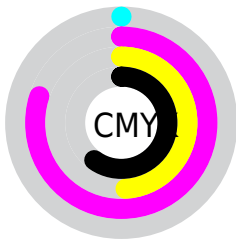
Distribution



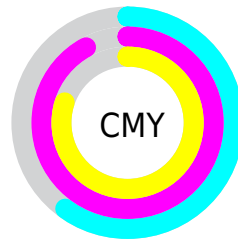
- Red (40%)
- Green (8%)
- Blue (20%)



- Red (40%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (49%)
- Black (60%)



- Cyan (60%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 661434 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 661434 by changing the saturation by 10% instead.



661434



661434

FFFFFF



4C001F



9D4862



340006



B9617B



0C0000



D67B95



000000



F396AF



FFB1CB



FFCDE7



FFEAFB



661434



661434

■ 660A2E

■ 661E3A

■ 660028

■ 662840

■ 663347

■ 663D4D

■ 664753

■ 665159

■ 665B60

■ 666666

■ 66706C

Harmonies

Analogous

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



581D50



661434



641B18

Triad

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



661434



233C00



003F67

Complementary

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



661434



146646

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.



004153



661434



004019

Square

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



661434



403500



004237



00386E

Rectangle

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



661434



5C2505



004237



004062

Sweetspot

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



661434



856571



451466



422F37



C2C2C2



424242

Same Dimension

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



661434



850537



661C14



332E30



73002D



F2005F

Inverse Universe

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



661434



850537



145E66



332E30



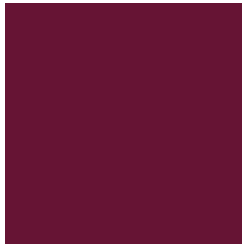
73002D



F2005F

Previews

White Background



This preview shows how the Hex color 661434 looks on a white background.

Color Contrast Check

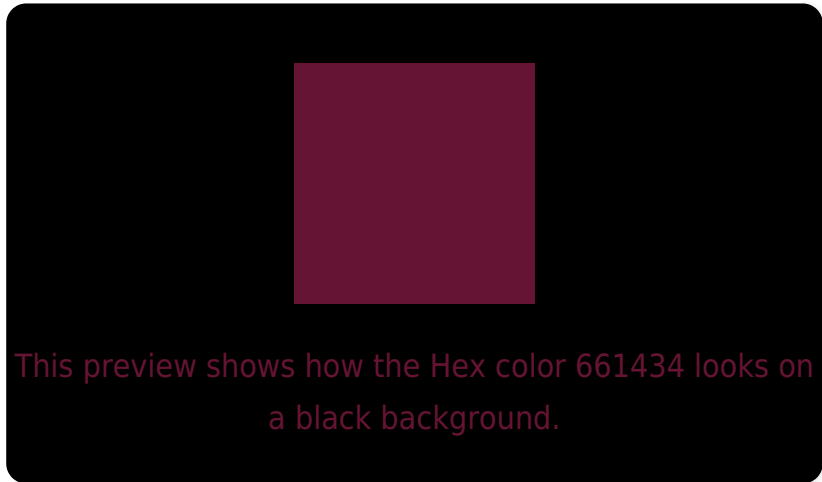
Large Text (above 18pt) WCAG AA ✓ Pass

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

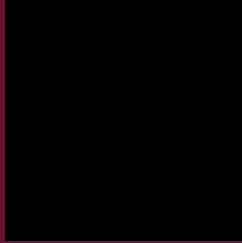
Any Text WCAG AA × Fail

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 661434 Background



This preview shows how black text looks on a background with the Hex color 661434.



This preview shows how white text looks on a background with the Hex color 661434.

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
661434

Protanopia
333647

Deuteranopia
3F3530

Trichromacy



Original Color
661434

Protanomaly
462A40

Deuteranomaly
4D2931

Tritanomaly
651825

Monochromacy



Original Color
661434

Achromatopsia
303030

Achromatomaly
442631

CSS Examples

Text

The CSS property to change the color of the text to Hex 661434 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 #661434 looks like.

```
.text, #text, p{  
    color:#661434  
}
```

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 #661434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #661434
}
```

Border

The CSS property to change the border of an element to Hex 661434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

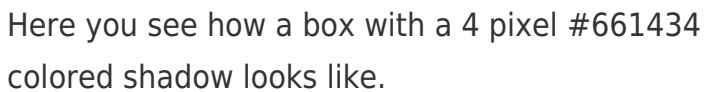
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#661434 }
```

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

```
.border{ border-color:#661434 }
```

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



Here you see how a box with a 4 pixel #661434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #661434; -webkit-box-shadow:4px 4px  
4px 4px #661434; box-shadow:4px 4px 4px  
4px #661434 }
```

Background

The CSS property to change the background color of an element to Hex 661434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#661434 }
```

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

```
.background{ background-color:#661434 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor