

Converting Colors

Hex(641809)

Have a look what the booklet for
Hex(641809) contains.

Hex(641809)	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(641809)

Conversions

Conversions Part 1

Format	Color
Hex	641809
RGB	100, 24, 9
RGB Percent	39%, 9%, 4%
CMY	0.6078, 0.9059, 0.9647
CMYK	0.00, 0.76, 0.91, 0.61
HSL	10°, 83%, 21%
HSV	10°, 91%, 39%
XYZ	5.6315, 3.3823, 0.6145
YIQ	45.0140, 50.1110, 11.4470

Conversions

Conversions Part 2

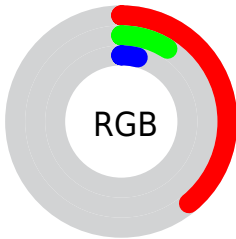
Format	Color
R_YB	100, 27, 9
Decimal	6559753
CIE Lab	21.51, 33.22, 28.30
CIE LCh	22, 43.646, 40.428
Yxy	3.3823, 0.5849, 0.3513
Android (android.graphics.Color)	4284749833 (0xFF641809)
YUV	45.0140, -17.7549, 48.2227
Hunter-Lab	18.3911, 22.4735, 10.8927

Details

The Hex color **641809** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **095564**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9D4935**, and **300001** is the 20% darker color. If you saturate the color by 10%, you get **641000**, and if you desaturate by 10%, it is **642013**.

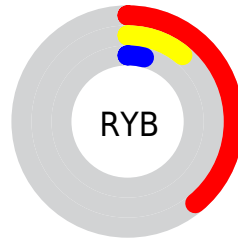
Distribution



Red (39%)

Green (9%)

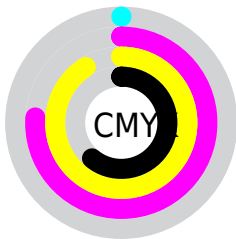
Blue (4%)



Red (39%)

Yellow (11%)

Blue (4%)

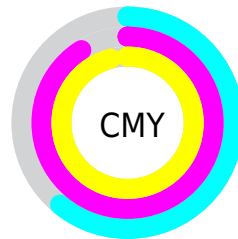


Cyan (0%)

Magenta (76%)

Yellow (91%)

Black (61%)



Cyan (61%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 641809 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 641809 by changing the saturation by 10% instead.

 641809

 641809

 FFFFEA

 490000

 9D4935

 300001

 BA624C

 000000

 D87C64

 F6967D

 FFB297

 FFCDB2

 FFEACE

 641809

 641809

■ 641000

■ 642013

■ 64291D

■ 643127

■ 643931

■ 64423B

■ 644A45

■ 64524F

■ 645B59

■ 646363

Harmonies

Analogous

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



6B042A



641809



512A00

Triad

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



641809



00401C



003474

Complementary

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



641809



095564

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.



003D71



641809



00413E

Square

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



641809



103D00



00415D



412565

Rectangle

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



641809



403200



00415D



003875

Sweetspot

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



641809



82655F



640956



42312D



C2C2C2



424242

Same Dimension

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



641809



821500



644409



332F2E



731300



F22800

Inverse Universe

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



095564



006D82



092964



2E3233



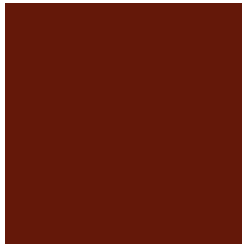
006073



00CAF2

Previews

White Background



This preview shows how the Hex color 641809 looks on a white background.

Color Contrast Check

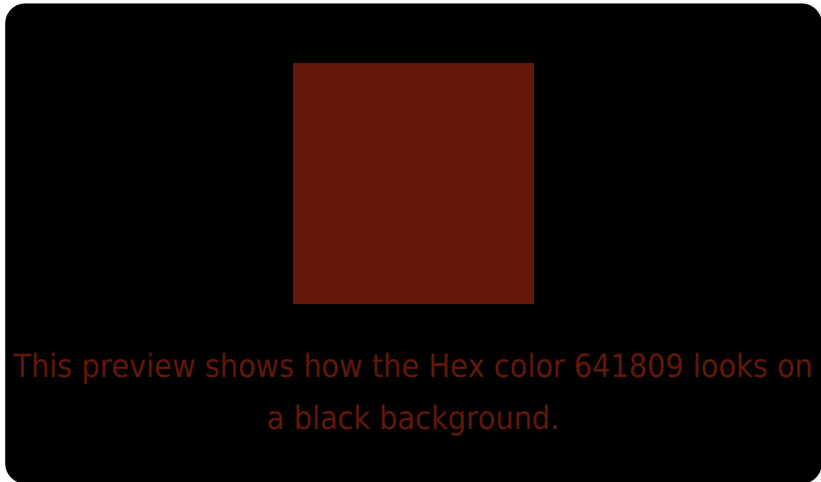
Large Text (above 18pt) WCAG AA ✓ Pass

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

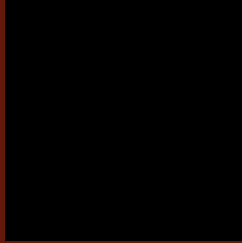
Any Text WCAG AA × Fail

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 641809 Background



This preview shows how black text looks on a background with the Hex color 641809.



This preview shows how white text looks on a background with the Hex color 641809.

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
641809

Protanopia
3C3610

Deuteranopia
443300



Tritanopia
641717

Trichromacy



Original Color
641809

Protanomaly
4B2B0D

Deuteranomaly
502903

Tritanomaly
641712

Monochromacy



Original Color
641809

Achromatopsia
2D2D2D

Achromatomaly
412520

CSS Examples

Text

The CSS property to change the color of the text to Hex 641809 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 #641809 looks like.

```
.text, #text, p{  
    color:#641809  
}
```

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 #641809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #641809
}
```

Border

The CSS property to change the border of an element to Hex 641809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

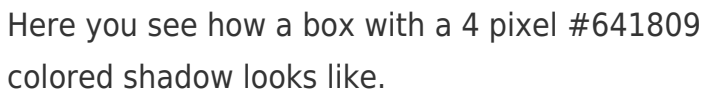
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#641809 }
```

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

```
.border{ border-color:#641809 }
```

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



Here you see how a box with a 4 pixel #641809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #641809; -webkit-box-shadow:4px 4px  
4px 4px #641809; box-shadow:4px 4px 4px  
4px #641809 }
```

Background

The CSS property to change the background color of an element to Hex 641809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#641809 }
```

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

```
.background{ background-color:#641809 }
```

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