

Converting Colors

Hex(641E38)

Have a look what the booklet for
Hex(641E38) contains.

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Color

Hex(641E38)

Conversions

Conversions Part 1

Format	Color
Hex	641E38
RGB	100, 30, 56
RGB Percent	39%, 12%, 22%
CMY	0.6078, 0.8824, 0.7804
CMYK	0.00, 0.70, 0.44, 0.61
HSL	338°, 54%, 25%
HSV	338°, 70%, 39%
XYZ	6.4336, 3.9234, 4.1596
YIQ	53.8940, 33.3740, 22.9260

Conversions

Conversions Part 2

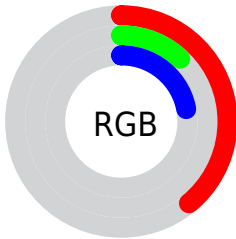
Format	Color
R_{YB}	100, 30, 56
Decimal	6561336
CIE Lab	23.42, 33.87, 0.60
CIE LCh	23, 33.877, 1.016
Yxy	3.9234, 0.4432, 0.2703
Android (android.graphics.Color)	4284751416 (0xFF641E38)
YUV	53.8940, 1.0383, 40.4350
Hunter-Lab	19.8076, 23.3146, 1.4144

Details

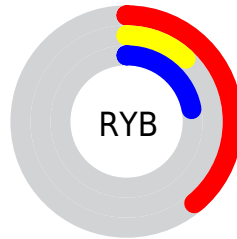
The Hex color **641E38** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E644A**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **9A4F67**, and **32000C** is the 20% darker color. If you saturate the color by 10%, you get **641432**, and if you desaturate by 10%, it is **64283E**.

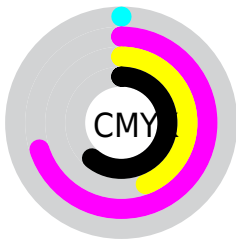
Distribution



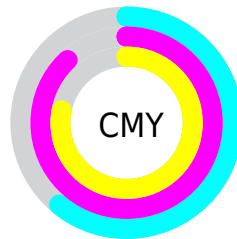
- Red (39%)
- Green (12%)
- Blue (22%)



- Red (39%)
- Yellow (12%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (44%)
- Black (61%)



- Cyan (61%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 641E38 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 641E38 by changing the saturation by 10% instead.

 641E38

 641E38

FFFFFF

 4A0223

 9A4F67

 32000C

 B66880

 0E0000

 D2829A

 000000

 EF9DB4

 FFB8D0

 FFD4EC

 FFF1FF

 641E38

 641E38

■ 641432

■ 64283E

■ 640A2B

■ 643245

■ 640025

■ 643C4B

■ 644651

■ 645057

■ 645A5E

■ 646464

■ 646E6A

■ 647871

Harmonies

Analogous

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



572551



641E38



63221F

Triad

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



641E38



2A3E06



004164

Complementary

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



641E38



1E644A

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.



004351



641E38



00421E

Square

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



641E38



443700



004338



003B6B

Rectangle

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



641E38



5C2910



004338



00425F

Sweetspot

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



641E38



826771



491E64



423238



C2C2C2



424242

Same Dimension

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



641E38



82153D



64261E



332E30



73002B



F2005A

Inverse Universe

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



641E38



82153D



1E5C64



332E30



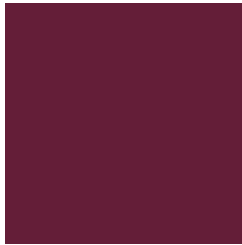
73002B



F2005A

Previews

White Background



This preview shows how the Hex color 641E38 looks on a white background.

Color Contrast Check

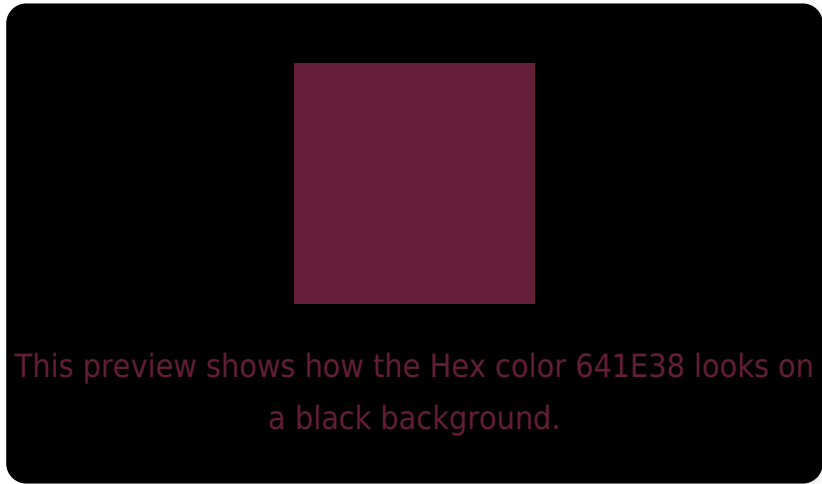
Large Text (above 18pt) WCAG AA ✓ Pass

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

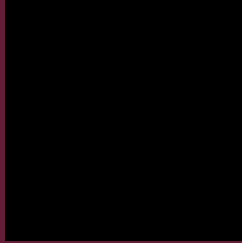
Any Text WCAG AA × Fail

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 641E38 Background



This preview shows how black text looks on a background with the Hex color 641E38.



This preview shows how white text looks on a background with the Hex color 641E38.

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
641E38

Protanopia
353948

Deuteranopia
403735

Trichromacy



Original Color
641E38

Protanomaly
462F42

Deuteranomaly
4D2E36

Tritanomaly
63212C

Monochromacy



Original Color
641E38

Achromatopsia
363636

Achromatomaly
472D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 641E38 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 #641E38 looks like.

```
.text, #text, p{  
    color:#641E38  
}
```

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 #641E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #641E38
}
```

Border

The CSS property to change the border of an element to Hex 641E38 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".

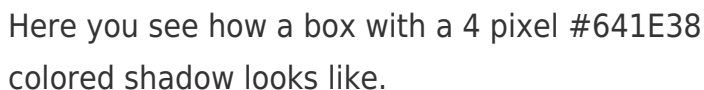
```
.border, #border, table{ border:4px solid
#641E38 }
```

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

```
.border{ border-color:#641E38 }
```

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

Here you see how a box with a 4 pixel #641E38 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #641E38 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #641E38; -webkit-box-shadow:4px 4px  
4px 4px #641E38; box-shadow:4px 4px 4px  
4px #641E38 }
```

Background

The CSS property to change the background color of an element to Hex 641E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#641E38 }
```

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

```
.background{ background-color:#641E38 }
```

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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