

# Converting Colors

Hex(641E58)

Have a look what the booklet for  
Hex(641E58) contains.

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**Color**

**Hex(641E58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	641E58
RGB	100, 30, 88
RGB Percent	39%, 12%, 35%
CMY	0.6078, 0.8824, 0.6549
CMYK	0.00, 0.70, 0.12, 0.61
HSL	310°, 54%, 25%
HSV	310°, 70%, 39%
XYZ	7.4813, 4.3425, 9.6764
YIQ	57.5420, 23.1020, 32.8780

# Conversions

## Conversions Part 2

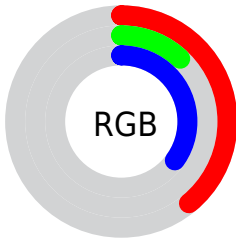
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 30, 88
Decimal	6561368
CIE <sub>Lab</sub>	24.77, 38.54, -18.95
CIE <sub>LCh</sub>	25, 42.945, 333.810
Yxy	4.3425, 0.3480, 0.2020
Android (android.graphics.Color)	4284751448 (0xFF641E58)
YUV	57.5420, 15.0158, 37.2357
Hunter-Lab	20.8386, 27.6159, -12.9443

# Details

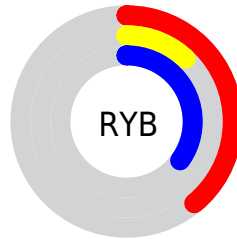
The Hex color **641E58** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1E642A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **99508A**, and **32002A** is the 20% darker color. If you saturate the color by 10%, you get **641456**, and if you desaturate by 10%, it is **64285A**.

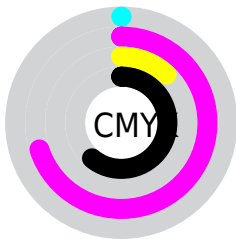
# Distribution



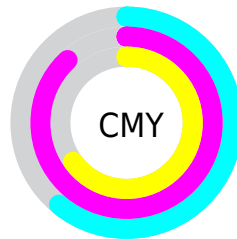
- Red (39%)
- Green (12%)
- Blue (35%)



- Red (39%)
- Yellow (12%)
- Blue (35%)



- Cyan (0%)
- Magenta (70%)
- Yellow (12%)
- Black (61%)



- Cyan (61%)
- Magenta (88%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 641E58 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 641E58 by changing the saturation by 10% instead.



641E58

641E58

FFFFFF

4B0140

99508A

32002A

B56AA5

180015

D184C0

000000

EE9FDC

FFBAF8

FFD6FF

FFF3FF

641E58

641E58

641456

64285A

640A55

64325B

640053

643C5D

64465F

645061

645A62

646464

646E66

647867

# Harmonies

## Analogous

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



3E3071



641E58



721238

# Triad

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



641E58



463B00



00495E

# Complementary

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



641E58



1E642A

# 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.



00493E



641E58



234300

# Square

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



641E58



5F2E00



00471C



004575

# Rectangle

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



641E58



721823



00471C



004954



# Sweetspot

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



641E58



82677D



2A1E64



42323F



C2C2C2



424242



# Same Dimension

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



641E58



82156F



641E35



332E32



73005F



F200C9



# Inverse Universe

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



641E58



82156F



1E644D



332E32



73005F

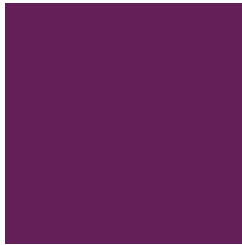


F200C9



# Previews

## White Background



This preview shows how the Hex color 641E58 looks on a white background.

## Color Contrast Check

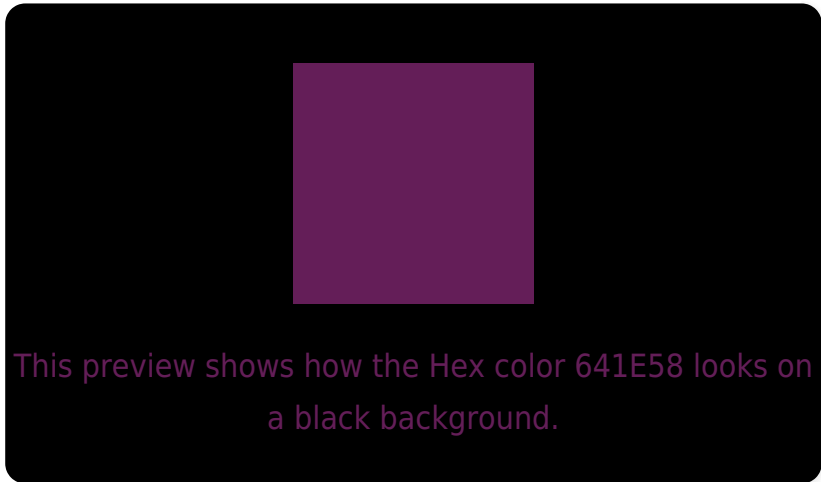
Large Text (above 18pt) WCAG AA ✓ Pass

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

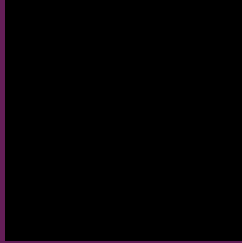
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 641E58 Background



This preview shows how black text looks on a background with the Hex color 641E58.



This preview shows how white text looks on a background with the Hex color 641E58.

# 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**  
641E58

**Protanopia**  
203A70

**Deuteranopia**  
343B54



**Tritanopia**  
602B2E

# Trichromacy



**Original Color**  
641E58

**Protanomaly**  
393067

**Deuteranomaly**  
453055

**Tritanomaly**  
61263D

# Monochromacy



**Original Color**  
641E58

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
493045

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 641E58 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 #641E58 looks like.

```
.text, #text, p{  
    color:#641E58  
}
```

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 #641E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #641E58
}
```

## Border

The CSS property to change the border of an element to Hex 641E58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

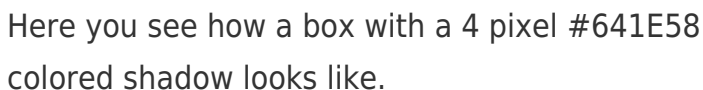
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#641E58 }
```

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

```
.border{ border-color:#641E58 }
```

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



Here you see how a box with a 4 pixel #641E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #641E58; -webkit-box-shadow:4px 4px  
4px 4px #641E58; box-shadow:4px 4px 4px  
4px #641E58 }
```

# Background

The CSS property to change the background color of an element to Hex 641E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#641E58 }
```

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

```
.background{ background-color:#641E58 }
```

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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