

# Converting Colors

Hex(641A58)

Have a look what the booklet for  
Hex(641A58) contains.

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**Color**

**Hex(641A58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	641A58
RGB	100, 26, 88
RGB Percent	39%, 10%, 35%
CMY	0.6078, 0.8980, 0.6549
CMYK	0.00, 0.74, 0.12, 0.61
HSL	310°, 59%, 25%
HSV	310°, 74%, 39%
XYZ	7.3864, 4.1527, 9.6448
YIQ	55.1940, 24.2020, 34.9700

# Conversions

## Conversions Part 2

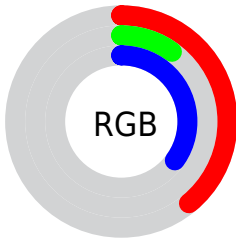
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 26, 88
Decimal	6560344
CIE Lab	24.17, 40.22, -19.90
CIE LCh	24, 44.875, 333.682
Yxy	4.1527, 0.3487, 0.1960
Android (android.graphics.Color)	4284750424 (0xFF641A58)
YUV	55.1940, 16.1734, 39.2949
Hunter-Lab	20.3782, 29.0383, -13.7966

# Details

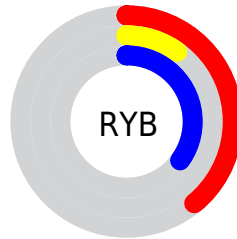
The Hex color **641A58** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1A6426**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **994D8A**, and **32002A** is the 20% darker color. If you saturate the color by 10%, you get **641056**, and if you desaturate by 10%, it is **64245A**.

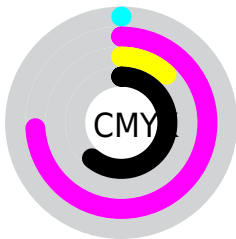
# Distribution



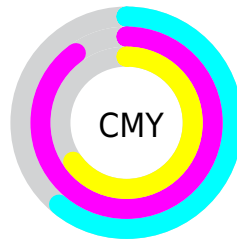
- Red (39%)
- Green (10%)
- Blue (35%)



- Red (39%)
- Yellow (10%)
- Blue (35%)



- Cyan (0%)
- Magenta (74%)
- Yellow (12%)
- Black (61%)



- Cyan (61%)
- Magenta (90%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 641A58 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 641A58 by changing the saturation by 10% instead.



641A58

641A58

FFFFFF

4A0040

994D8A

32002A

B567A5

170015

D181C0

000000

EE9CDC

FFB7F8

FFD3FF

FFF0FF

641A58

641A58

■ 641056

■ 64245A

■ 640655

■ 642E5B

■ 640054

■ 64385D

■ 64425E

■ 644C60

■ 645662

■ 646063

■ 646A65

■ 647467

# Harmonies

## Analogous

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



3C2E72



641A58



730B37

# Triad

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



641A58



443900



00485E

# Complementary

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



641A58



1A6426

# 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.



00483D



641A58



214200

# Square

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



641A58



5E2C00



004619



004576

# Rectangle

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



641A58



721221



004619



004854



# Sweetspot

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



641A58



82657D



251A64



423140



C2C2C2



424242



# Same Dimension

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



641A58



820E6F



641A34



332E32



730060



F200CB



# Inverse Universe

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



641A58



820E6F



1A644A



332E32



730060

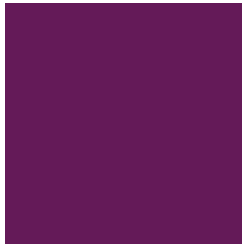


F200CB



# Previews

## White Background



This preview shows how the Hex color 641A58 looks on a white background.

## Color Contrast Check

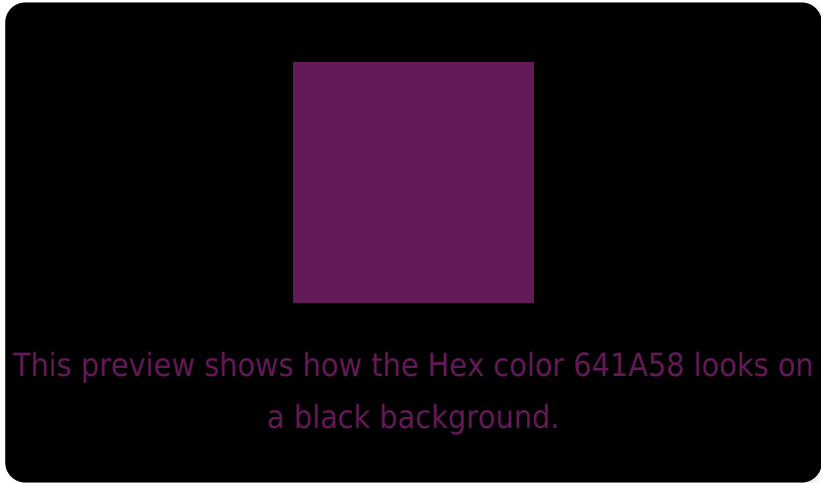
Large Text (above 18pt) WCAG AA ✓ Pass

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

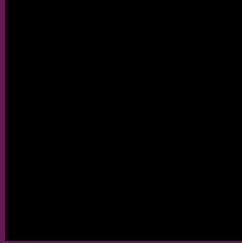
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 641A58 Background



This preview shows how black text looks on a background with the Hex color 641A58.



This preview shows how white text looks on a background with the Hex color 641A58.

# 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





**Tritanopia**  
60292C

# Trichromacy



**Original Color**  
641A58

**Protanomaly**  
342E69

**Deuteranomaly**  
442E55

**Tritanomaly**  
61243C

# Monochromacy



**Original Color**  
641A58

**Achromatopsia**  
373737

**Achromatomaly**  
472C43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 641A58 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 #641A58 looks like.

```
.text, #text, p{  
    color:#641A58  
}
```

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 #641A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #641A58
}
```

## Border

The CSS property to change the border of an element to Hex 641A58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

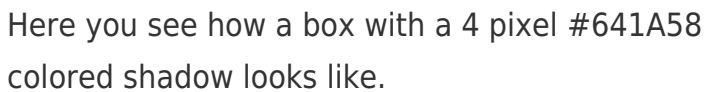
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#641A58 }
```

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

```
.border{ border-color:#641A58 }
```

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



Here you see how a box with a 4 pixel #641A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #641A58; -webkit-box-shadow:4px 4px  
4px 4px #641A58; box-shadow:4px 4px 4px  
4px #641A58 }
```

# Background

The CSS property to change the background color of an element to Hex 641A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#641A58 }
```

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

```
.background{ background-color:#641A58 }
```

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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