

Converting Colors

Hex(641F6B)

Have a look what the booklet for
Hex(641F6B) contains.

Hex(641F6B)	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(641F6B)

Conversions

Conversions Part 1

Format	Color
Hex	641F6B
RGB	100, 31, 107
RGB Percent	39%, 12%, 42%
CMY	0.6078, 0.8784, 0.5804
CMYK	0.07, 0.71, 0.00, 0.58
HSL	294°, 55%, 27%
HSV	294°, 71%, 42%
XYZ	8.3994, 4.7508, 14.3842
YIQ	60.2950, 16.7280, 38.2640

Conversions

Conversions Part 2

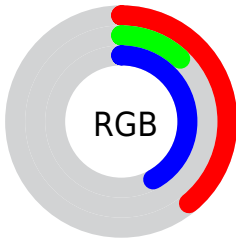
Format	Color
R_{YB}	100, 31, 107
Decimal	6561643
CIE _{Lab}	26.01, 41.62, -29.42
CIE _{LCh}	26, 50.971, 324.741
Yxy	4.7508, 0.3050, 0.1725
Android (android.graphics.Color)	4284751723 (0xFF641F6B)
YUV	60.2950, 23.0256, 34.8213
Hunter-Lab	21.7964, 30.6422, -23.8701

Details

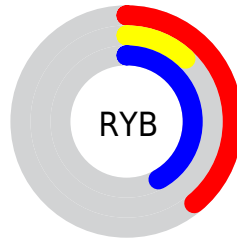
The Hex color **641F6B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **266B1F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **99529F**, and **32003B** is the 20% darker color. If you saturate the color by 10%, you get **63146B**, and if you desaturate by 10%, it is **652A6B**.

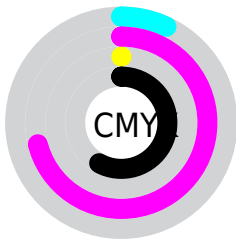
Distribution



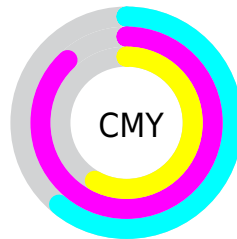
- Red (39%)
- Green (12%)
- Blue (42%)



- Red (39%)
- Yellow (12%)
- Blue (42%)



- Cyan (7%)
- Magenta (71%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (88%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 641F6B 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 641F6B by changing the saturation by 10% instead.



641F6B



641F6B

FFFFFF



4A0152



99529F



32003B



B56BBA



1B0025



D186D6



00010D



EEA0F2



000000



FFBCFF



FFD8FF



FFF5FF



641F6B



641F6B

63146B

652A6B

620A6B

66346B

61006B

673F6B

684A6B

69556B

6A5F6B

6B6A6B

6C756B

6D7F6B

Harmonies

Analogous

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



243685



641F6B



7C0046

Triad

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



641F6B



523A00



004E5D

Complementary

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



641F6B



266B1F

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.



004D35



641F6B



2E4500

Square

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



641F6B



6E2700



004B0A



004C7D

Rectangle

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



641F6B



7F012D



004B0A



004E50

Sweetspot

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



641F6B



8A6F8C



1F276B



463647



C7C7C7



474747

Same Dimension

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



641F6B



81158C



6B1F4D



353036



6A0075



DE00F5

Inverse Universe

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



6B1F26



8C1520



1F6B3D



363031



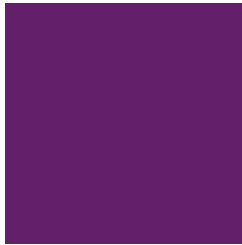
75000B



F50017

Previews

White Background



This preview shows how the Hex color 641F6B looks on a white background.

Color Contrast Check

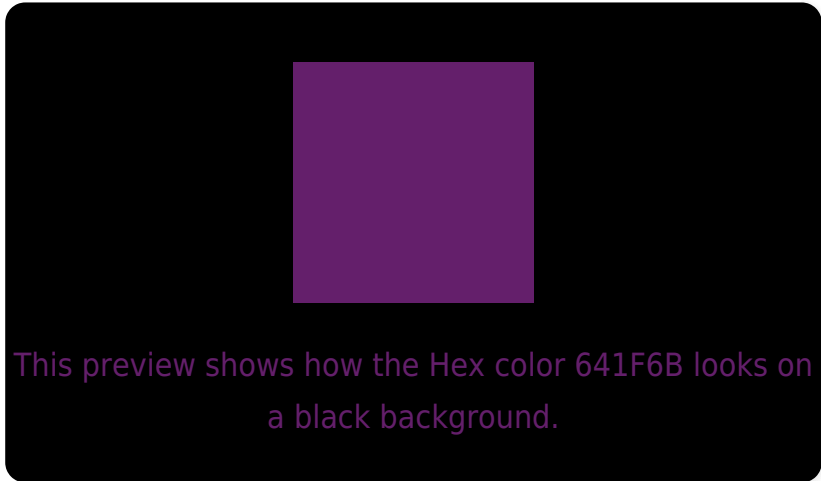
Large Text (above 18pt) WCAG AA ✓ Pass

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

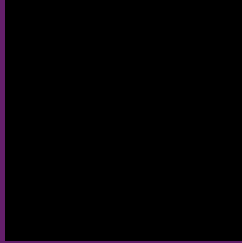
Any Text WCAG AA × Fail

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 641F6B Background



This preview shows how black text looks on a background with the Hex color 641F6B.




This preview shows how white text looks on a background with the Hex color 641F6B.

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
5D3135

Trichromacy



Original Color
641F6B



Protanomaly
243279



Deuteranomaly
3D3368

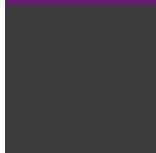


Tritanomaly
602A49

Monochromacy



Original Color
641F6B



Achromatopsia
3C3C3C



Achromatomaly
4B314D

CSS Examples

Text

The CSS property to change the color of the text to Hex 641F6B 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 #641F6B looks like.

```
.text, #text, p{  
    color:#641F6B  
}
```

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 #641F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #641F6B
}
```

Border

The CSS property to change the border of an element to Hex 641F6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

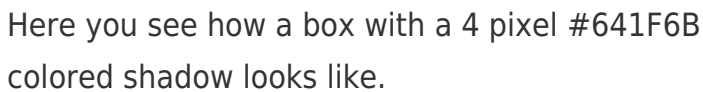
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#641F6B }
```

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

```
.border{ border-color:#641F6B }
```

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



Here you see how a box with a 4 pixel #641F6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #641F6B; -webkit-box-shadow:4px 4px  
4px 4px #641F6B; box-shadow:4px 4px 4px  
4px #641F6B }
```

Background

The CSS property to change the background color of an element to Hex 641F6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#641F6B }
```

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

```
.background{ background-color:#641F6B }
```

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