

Converting Colors

Hex(651276)

Have a look what the booklet for
Hex(651276) contains.

Hex(651276)	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(651276)

Conversions

Conversions Part 1

Format	Color
Hex	651276
RGB	101, 18, 118
RGB Percent	40%, 7%, 46%
CMY	0.6039, 0.9294, 0.5373
CMYK	0.14, 0.85, 0.00, 0.54
HSL	290°, 74%, 27%
HSV	290°, 85%, 46%
XYZ	8.8531, 4.5073, 17.5429
YIQ	54.2170, 17.3680, 48.6960

Conversions

Conversions Part 2

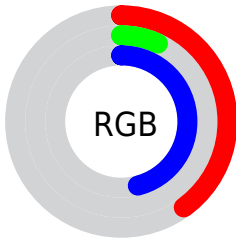
Format	Color
R_{YB}	101, 18, 118
Decimal	6623862
CIE _{Lab}	25.28, 48.71, -37.65
CIE _{LCh}	25, 61.565, 322.296
Yxy	4.5073, 0.2865, 0.1459
Android (android.graphics.Color)	4284813942 (0xFF651276)
YUV	54.2170, 31.4450, 41.0287
Hunter-Lab	21.2304, 37.2816, -34.1306




Details

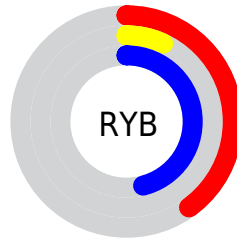
The Hex color **651276** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **237612**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **9B4AAB**, and **320045** is the 20% darker color. If you saturate the color by 10%, you get **630676**, and if you desaturate by 10%, it is **671E76**.

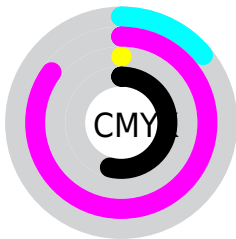
Distribution







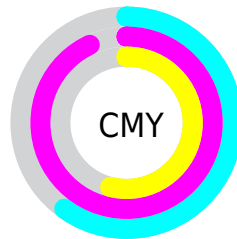
-  Red (40%)
-  Green (7%)
-  Blue (46%)






-  Red (40%)
-  Yellow (7%)
-  Blue (46%)



-  Cyan (14%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (60%)
-  Magenta (93%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 651276 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 651276 by changing the saturation by 10% instead.

651276

651276

FFFFFF

4B005D

9B4AAB

320045

B764C6

19002E

D47EE3

000118

F199FF

000000

FFB5FF

FFD1FF

FFEEFF

651276

651276

■ 630676

■ 671E76

■ 620076

■ 692A76

■ 6B3576

■ 6D4176

■ 6F4D76

■ 715976

■ 736576

■ 757076

■ 777C76

Harmonies

Analogous

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



003694



651276



85004A

Triad

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



651276



553600



004E5E

Complementary

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



651276



237612

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.



004D2E



651276



294400

Square

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



651276



751B00



004A00



004D86

Rectangle

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



651276



89002C



004A00



004E4F

Sweetspot

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



651276



927399



122476



49364D



CCCCCC



4D4D4D

Same Dimension

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



651276



7F0099



761256



3A353B



66007A



CF00FA

Inverse Universe

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



761223



99001A



127632



3B3536



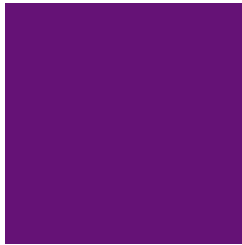
7A0015



FA002A

Previews

White Background



This preview shows how the Hex color 651276 looks on a white background.

Color Contrast Check

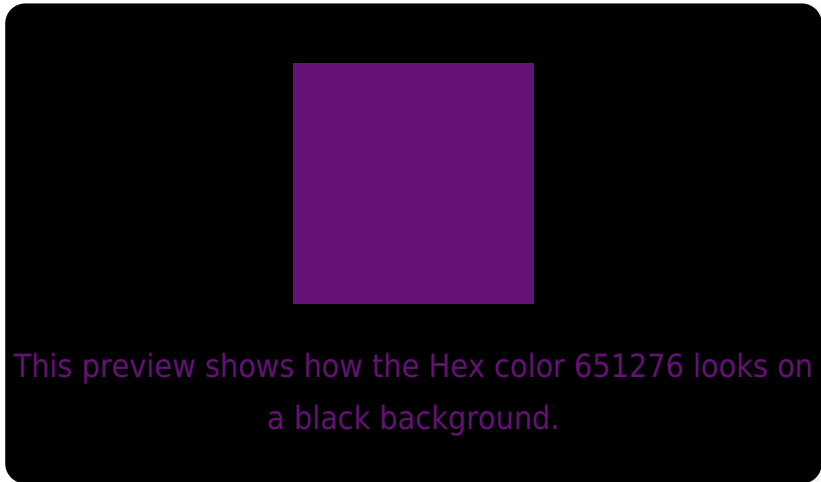
Large Text (above 18pt) WCAG AA ✓ Pass

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

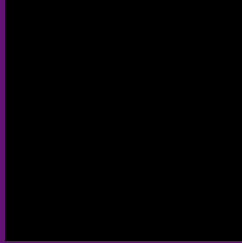
Any Text WCAG AA × Fail

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 651276 Background



This preview shows how black text looks on a background with the Hex color 651276.




This preview shows how white text looks on a background with the Hex color 651276.

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
5C3034

Trichromacy



Original Color
651276

Protanomaly
252D7B

Deuteranomaly
292F72

Tritanomaly
5F254C

Monochromacy



Original Color
651276

Achromatopsia
363636

Achromatomaly
47294D

CSS Examples

Text

The CSS property to change the color of the text to Hex 651276 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 #651276 looks like.

```
.text, #text, p{  
    color:#651276  
}
```

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 #651276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #651276
}
```

Border

The CSS property to change the border of an element to Hex 651276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

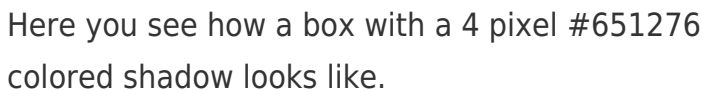
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#651276 }
```

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

```
.border{ border-color:#651276 }
```

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



Here you see how a box with a 4 pixel #651276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #651276; -webkit-box-shadow:4px 4px  
4px 4px #651276; box-shadow:4px 4px 4px  
4px #651276 }
```

Background

The CSS property to change the background color of an element to Hex 651276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#651276 }
```

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

```
.background{ background-color:#651276 }
```

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