

Converting Colors

Hex(650075)

Have a look what the booklet for
Hex(650075) contains.

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Color

Hex(650075)

Conversions

Conversions Part 1

Format	Color
Hex	650075
RGB	101, 0, 117
RGB Percent	40%, 0%, 46%
CMY	0.6039, 1.0000, 0.5412
CMYK	0.14, 1.00, 0.00, 0.54
HSL	292°, 100%, 23%
HSV	292°, 100%, 46%
XYZ	8.5777, 4.0511, 17.1595
YIQ	43.5370, 22.6390, 57.7990

Conversions

Conversions Part 2

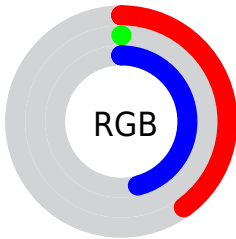
Format	Color
R_{YB}	101, 0, 117
Decimal	6619253
CIE _{Lab}	23.84, 52.55, -39.34
CIE _{LCh}	24, 65.647, 323.181
Yxy	4.0511, 0.2880, 0.1360
Android (android.graphics.Color)	4284809333 (0xFF650075)
YUV	43.5370, 36.2173, 50.3951
Hunter-Lab	20.1272, 40.8495, -36.4586

Details

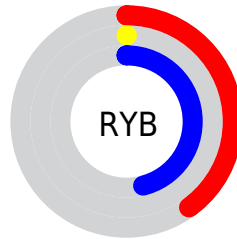
The Hex color **650075** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **107500**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **9B41AA**, and **320044** is the 20% darker color. If you saturate the color by 10%, you get **650075**, and if you desaturate by 10%, it is **670C75**.

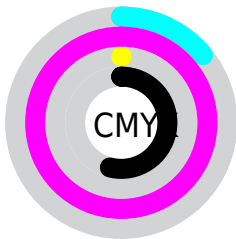
Distribution



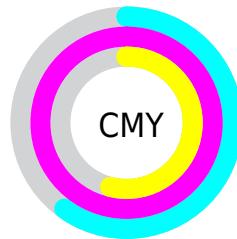
- Red (40%)
- Green (0%)
- Blue (46%)



- Red (40%)
- Yellow (0%)
- Blue (46%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 650075 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 650075 by changing the saturation by 10% instead.

 650075

 650075

FFFFFF

 4B005C

 9B41AA

 320044

 B85CC5

 17002D

 D477E2

 000117

 F292FE

 000000

 FFADFF

 FFCAFF

 FFE6FF

 650075

■ 670C75

■ 681775

■ 6A2375

■ 6B2F75

■ 6D3B75

■ 6F4675

■ 705275

■ 725E75

■ 736975

Harmonies

Analogous

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



003296



650075



850046

Triad

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



650075



503300



004B5F

Complementary

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



650075



107500

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.



004A2C



650075



204100

Square

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



650075



721300



004700



004A89

Rectangle

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



650075



890026



004700



004B4E

Sweetspot

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



650075



936B99



001275



49314D



CCCCCC



4D4D4D

Same Dimension

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



650075



840099



75004C



3A353B



6A007A



D800FA

Inverse Universe

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



750010



990015



007529



3B3536



7A0011



FA0022

Previews

White Background



This preview shows how the Hex color 650075 looks on a white background.

Color Contrast Check

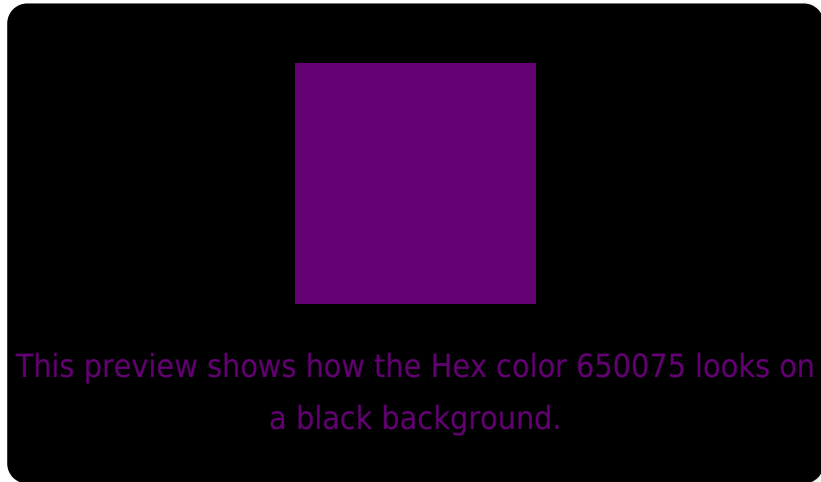
Large Text (above 18pt) WCAG AA ✓ Pass

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

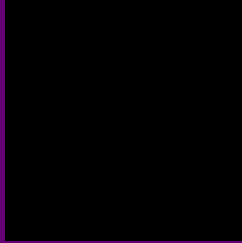
Any Text WCAG AA × Fail

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 650075 Background



This preview shows how black text looks on a background with the Hex color 650075.

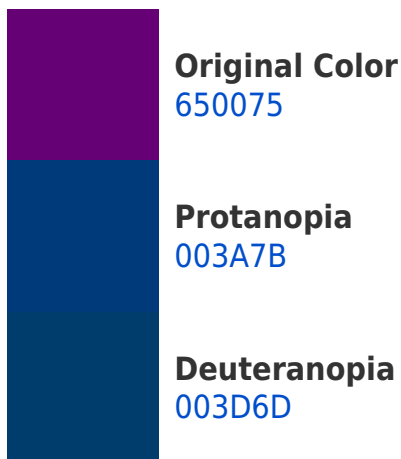


This preview shows how white text looks on a background with the Hex color 650075.

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



Trichromacy



Original Color
650075

Protanomaly
252579

Deuteranomaly
252770

Tritanomaly
5F1D4A

Monochromacy



Original Color
650075

Achromatopsia
2C2C2C

Achromatomaly
411C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 650075 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 #650075 looks like.

```
.text, #text, p{  
    color:#650075  
}
```

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 #650075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650075
}
```

Border

The CSS property to change the border of an element to Hex 650075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

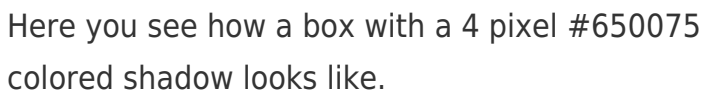
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#650075 }
```

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

```
.border{ border-color:#650075 }
```

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



Here you see how a box with a 4 pixel #650075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650075; -webkit-box-shadow:4px 4px  
4px 4px #650075; box-shadow:4px 4px 4px  
4px #650075 }
```

Background

The CSS property to change the background color of an element to Hex 650075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650075 }
```

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

```
.background{ background-color:#650075 }
```

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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