

Converting Colors

Hex(650066)

Have a look what the booklet for
Hex(650066) contains.

Hex(650066)	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(650066)

Conversions

Conversions Part 1

Format	Color
Hex	650066
RGB	101, 0, 102
RGB Percent	40%, 0%, 40%
CMY	0.6039, 1.0000, 0.6000
CMYK	0.01, 1.00, 0.00, 0.60
HSL	299°, 100%, 20%
HSV	299°, 100%, 40%
XYZ	7.7651, 3.7260, 12.8803
YIQ	41.8270, 27.4540, 53.1340

Conversions

Conversions Part 2

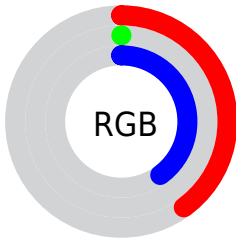
Format	Color
RYB	101, 0, 102
Decimal	6619238
CIELab	22.74, 49.96, -31.38
CIElCh	23, 58.993, 327.866
Yxy	3.7260, 0.3186, 0.1529
Android (android.graphics.Color)	4284809318 (0xFF650066)
YUV	41.8270, 29.6653, 51.8947
Hunter-Lab	19.3029, 38.0264, -26.0506

Details

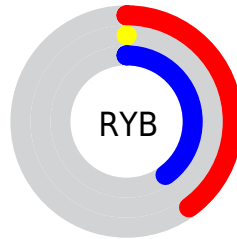
The Hex color **650066** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **016600**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **9B409A**, and **330036** is the 20% darker color. If you saturate the color by 10%, you get **650066**, and if you desaturate by 10%, it is **650A66**.

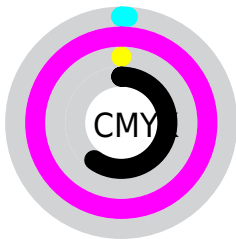
Distribution



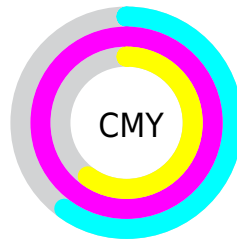
- Red (40%)
- Green (0%)
- Blue (40%)



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



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 650066 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 650066 by changing the saturation by 10% instead.

 650066

 650066

FFFFFF

 4B004E

 9B409A

 330036

 B75BB5

 160020

 D475D0

 000004

 F190ED

 000000

 FFACFF

 FFC8FF

 FFE5FF

 650066

 650A66

 651466

 651F66

 652966

 663366

 663D66

 664766

 665266

 665C66

Harmonies

Analogous

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



192C86



650066



7D003C

Triad

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



650066



463400



00475F

Complementary

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



650066



016600

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.



004632



650066



193F00

Square

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



650066



671D00



004400



004682

Rectangle

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



650066



7E001F



004400



004750

Sweetspot

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



650066



845D85



000266



422A42



C2C2C2



424242

Same Dimension

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



650066



830085



660035



332E33



720073



F000F2

Inverse Universe

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



660001



850001



006631



332E2E



730001



F20002

Previews

White Background



This preview shows how the Hex color 650066 looks on a white background.

Color Contrast Check

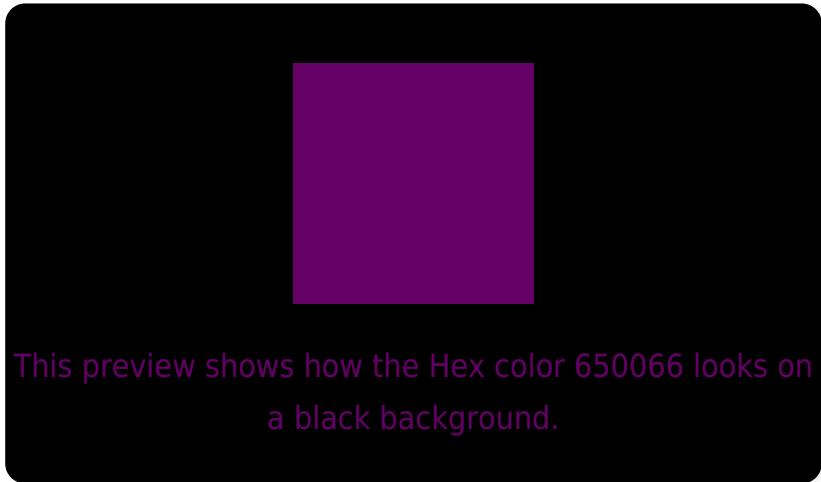
Large Text (above 18pt) WCAG AA ✓ Pass

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

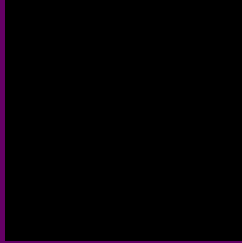
Any Text WCAG AA × Fail

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 650066 Background



This preview shows how black text looks on a background with the Hex color 650066.



This preview shows how white text looks on a background with the Hex color 650066.

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
650066

Protanopia
003877

Deuteranopia
223A60



Tritanopia
5F282B

Trichromacy



Original Color
650066

Protanomaly
252471

Deuteranomaly
3A2562

Tritanomaly
611940

Monochromacy



Original Color
650066

Achromatopsia
2A2A2A

Achromatomaly
3F1B40

CSS Examples

Text

The CSS property to change the color of the text to Hex 650066 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 #650066 looks like.

```
.text, #text, p{  
    color:#650066  
}
```

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 #650066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650066
}
```

Border

The CSS property to change the border of an element to Hex 650066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

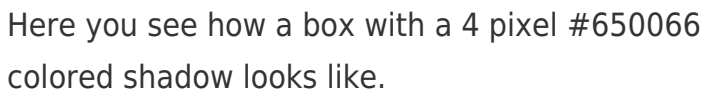
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#650066 }
```

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

```
.border{ border-color:#650066 }
```

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



Here you see how a box with a 4 pixel #650066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650066; -webkit-box-shadow:4px 4px  
4px 4px #650066; box-shadow:4px 4px 4px  
4px #650066 }
```

Background

The CSS property to change the background color of an element to Hex 650066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650066 }
```

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

```
.background{ background-color:#650066 }
```

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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