

Converting Colors

Hex(660350)

Have a look what the booklet for
Hex(660350) contains.

| | |
|--|----|
| Hex(660350) | 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(660350)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 660350 |
| RGB | 102, 3, 80 |
| RGB Percent | 40%, 1%, 31% |
| CMY | 0.6000, 0.9882, 0.6863 |
| CMYK | 0.00, 0.97, 0.22, 0.60 |
| HSL | 313°, 94%, 21% |
| HSV | 313°, 97%, 40% |
| XYZ | 6.9600, 3.4691, 7.8922 |
| YIQ | 41.3790, 34.2870, 44.9350 |

Conversions

Conversions Part 2

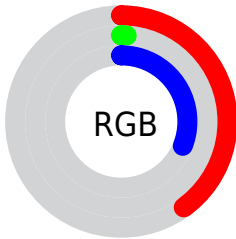
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 102, 3, 80 |
| Decimal | 6685520 |
| CIELab | 21.83, 46.11, -18.16 |
| CIELCh | 22, 49.560, 338.504 |
| Yxy | 3.4691, 0.3799, 0.1893 |
| Android (android.graphics.Color) | 4284875600 (0xFF660350) |
| YUV | 41.3790, 19.0402, 53.1646 |
| Hunter-Lab | 18.6255, 34.1077, -12.0851 |

Details

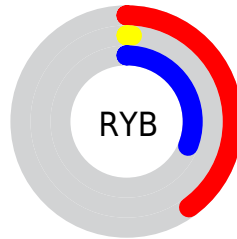
The Hex color **660350** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **036619**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **9C4081**, and **340023** is the 20% darker color. If you saturate the color by 10%, you get **66004F**, and if you desaturate by 10%, it is **660D52**.

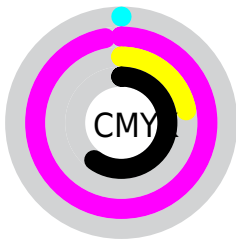
Distribution



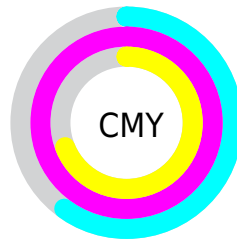
- Red (40%)
- Green (1%)
- Blue (31%)



- Red (40%)
- Yellow (1%)
- Blue (31%)



- Cyan (0%)
- Magenta (97%)
- Yellow (22%)
- Black (60%)



- Cyan (60%)
- Magenta (99%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 660350 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 660350 by changing the saturation by 10% instead.

660350

660350

FFFFFF

4C0039

9C4081

340023

B85A9C

14000A

D575B7

000000

F290D2

FFABEF

FFC7FF

FFE4FF

660350

660350

66004F

660D52

661755

662257

662C59

66365B

66405E

664A60

665562

665F64

Harmonies

Analogous

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



3F246F



660350



72002C

Triad

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



660350



383600



004362

Complementary

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



660350



036619

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.



00433E



660350



0C3E00

Square

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



660350



562800



004217



003F79

Rectangle

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



660350



6F0214



004217



004357

Sweetspot

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



660350



855E7C



180366



422B3D



C2C2C2



424242

Same Dimension

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



660350



850067



66031F



332E32



730059



F200BC

Inverse Universe

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



660350



850067



03664A



332E32



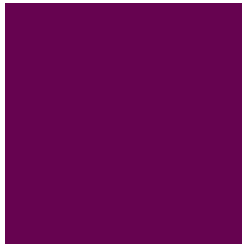
730059



F200BC

Previews

White Background



This preview shows how the Hex color 660350 looks on a white background.

Color Contrast Check

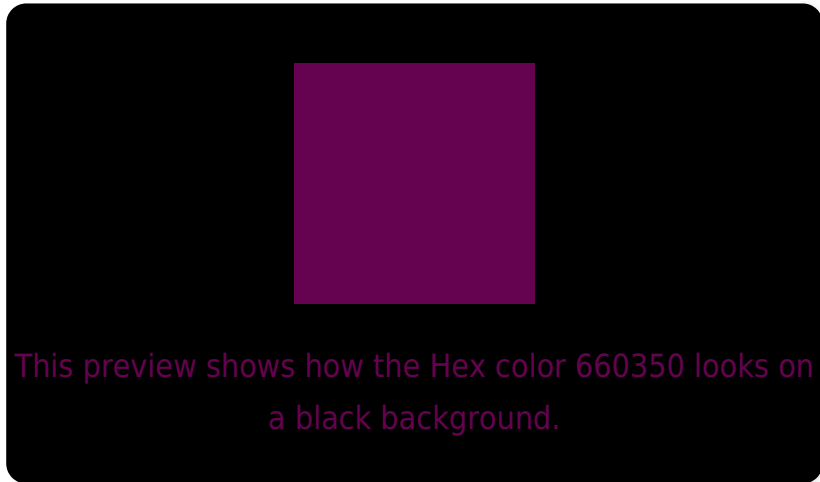
Large Text (above 18pt) WCAG AA ✓ Pass

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

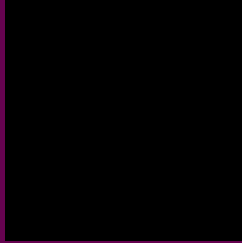
Any Text WCAG AA × Fail

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 660350 Background



This preview shows how black text looks on a background with the Hex color 660350.



This preview shows how white text looks on a background with the Hex color 660350.

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
660350

Protanopia
0A3671

Deuteranopia
32374B

Trichromacy



Original Color
660350

Protanomaly
2B2365

Deuteranomaly
45244D

Tritanomaly
631532

Monochromacy



Original Color
660350

Achromatopsia
292929

Achromatomaly
3F1B37

CSS Examples

Text

The CSS property to change the color of the text to Hex 660350 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 #660350 looks like.

```
.text, #text, p{  
    color:#660350  
}
```

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 #660350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #660350
}
```

Border

The CSS property to change the border of an element to Hex 660350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

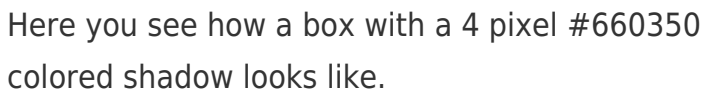
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#660350 }
```

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

```
.border{ border-color:#660350 }
```

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



Here you see how a box with a 4 pixel #660350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #660350; -webkit-box-shadow:4px 4px  
4px 4px #660350; box-shadow:4px 4px 4px  
4px #660350 }
```

Background

The CSS property to change the background color of an element to Hex 660350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#660350 }
```

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

```
.background{ background-color:#660350 }
```

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