

Converting Colors

Hex(650034)

Have a look what the booklet for
Hex(650034) contains.

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Color

Hex(650034)

Conversions

Conversions Part 1

Format	Color
Hex	650034
RGB	101, 0, 52
RGB Percent	40%, 0%, 20%
CMY	0.6039, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.49, 0.60
HSL	329°, 100%, 20%
HSV	329°, 100%, 40%
XYZ	5.9867, 3.0146, 3.5152
YIQ	36.1270, 43.5040, 37.5840

Conversions

Conversions Part 2

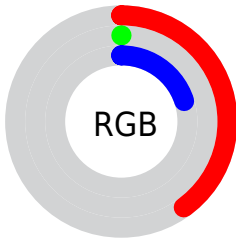
Format	Color
R_{YB}	101, 0, 52
Decimal	6619188
CIE _{Lab}	20.10, 43.32, -1.44
CIE _{LCh}	20, 43.348, 358.099
Yxy	3.0146, 0.4783, 0.2409
Android (android.graphics.Color)	4284809268 (0xFF650034)
YUV	36.1270, 7.8254, 56.8936
Hunter-Lab	17.3627, 31.1621, 0.1504

Details

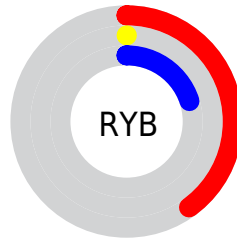
The Hex color **650034** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006531**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **9C3D62**, and **340006** is the 20% darker color. If you saturate the color by 10%, you get **650034**, and if you desaturate by 10%, it is **650A39**.

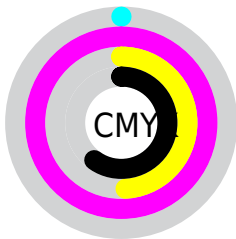
Distribution



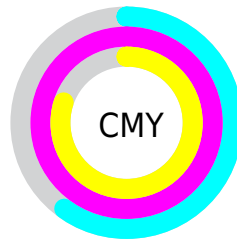
- Red (40%)
- Green (0%)
- Blue (20%)



- Red (40%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 650034 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 650034 by changing the saturation by 10% instead.

 650034

 650034

 FFFDFD

 4A001F

 9C3D62

 340006

 B9577B

 020000

 D67195

 000000

 F38CAF

 FFA7CB

 FFC3E7

 FFE0FF

 650034

 650A39

 65143E

 651E43

 652848

 65334C

 653D51

 654756

 65515B

 655B60

Harmonies

Analogous

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



531553



650034



640B15

Triad

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



650034



203700



003C67

Complementary

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



650034



006531

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.



003E4E



650034



003C0B

Square

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



650034



3F2F00



003D2E



003571

Rectangle

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



650034



5C1A00



003D2E



003D60

Sweetspot

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



650034



825B6F



310065



422A37



C2C2C2



424242

Same Dimension

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



650034



820043



650002



332E31



73003B



F2007D

Inverse Universe

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



650034



820043



006563



332E31



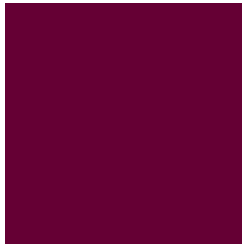
73003B



F2007D

Previews

White Background



This preview shows how the Hex color 650034 looks on a white background.

Color Contrast Check

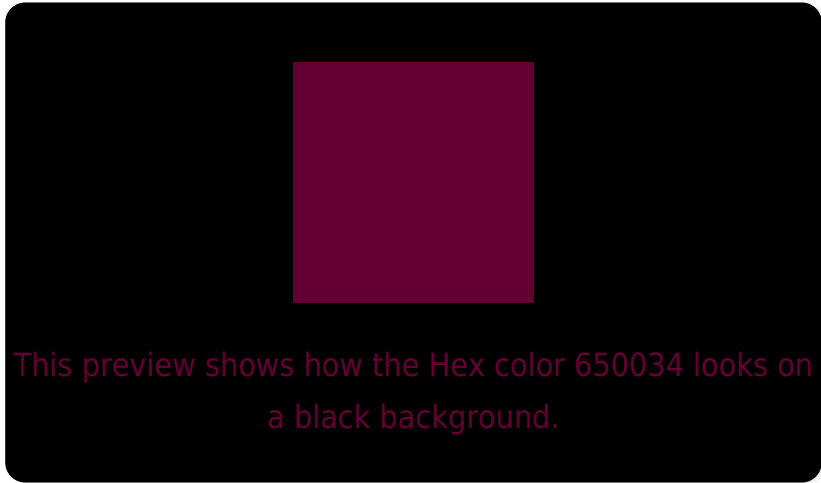
Large Text (above 18pt) WCAG AA ✓ Pass

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

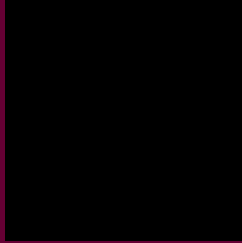
Any Text WCAG AA × Fail

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 650034 Background



This preview shows how black text looks on a background with the Hex color 650034.



This preview shows how white text looks on a background with the Hex color 650034.

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
650034

Protanopia
2D344B

Deuteranopia
3C3330



Tritanopia
641515

Trichromacy



Original Color
650034

Protanomaly
412143

Deuteranomaly
4B2031

Tritanomaly
640D20

Monochromacy



Original Color
650034

Achromatopsia
242424

Achromatomaly
3C172A

CSS Examples

Text

The CSS property to change the color of the text to Hex 650034 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 #650034 looks like.

```
.text, #text, p{  
    color:#650034  
}
```

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 #650034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650034
}
```

Border

The CSS property to change the border of an element to Hex 650034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

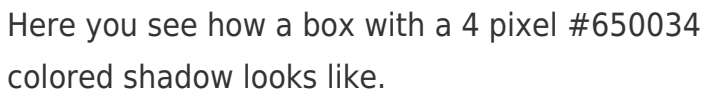
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#650034 }
```

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

```
.border{ border-color:#650034 }
```

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



Here you see how a box with a 4 pixel #650034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650034; -webkit-box-shadow:4px 4px  
4px 4px #650034; box-shadow:4px 4px 4px  
4px #650034 }
```

Background

The CSS property to change the background color of an element to Hex 650034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650034 }
```

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

```
.background{ background-color:#650034 }
```

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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