

Converting Colors

Hex(650025)

Have a look what the booklet for
Hex(650025) contains.

Hex(650025)	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(650025)

Conversions

Conversions Part 1

Format	Color
Hex	650025
RGB	101, 0, 37
RGB Percent	40%, 0%, 15%
CMY	0.6039, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.63, 0.60
HSL	338°, 100%, 20%
HSV	338°, 100%, 40%
XYZ	5.7008, 2.9003, 2.0096
YIQ	34.4170, 48.3190, 32.9190

Conversions

Conversions Part 2

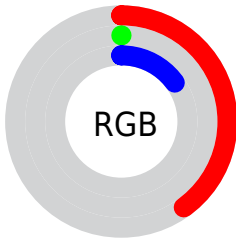
Format	Color
RYB	101, 0, 37
Decimal	6619173
CIELab	19.64, 42.10, 8.59
CIElCh	20, 42.967, 11.538
Yxy	2.9003, 0.5373, 0.2733
Android (android.graphics.Color)	4284809253 (0xFF650025)
YUV	34.4170, 1.2734, 58.3933
Hunter-Lab	17.0302, 29.9490, 4.9247

Details

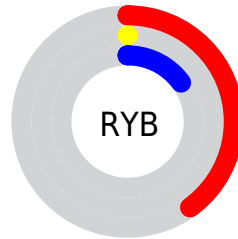
The Hex color **650025** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006540**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **9D3C51**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **650025**, and if you desaturate by 10%, it is **650A2B**.

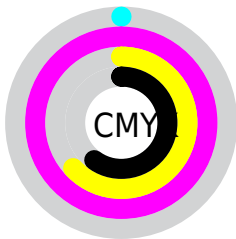
Distribution



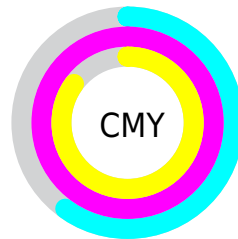
- Red (40%)
- Green (0%)
- Blue (15%)



- Red (40%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 650025 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 650025 by changing the saturation by 10% instead.

 650025

 650025

 FFFCFF

 4A0010

 9D3C51

 320002

 BA5669

 000000

 D77082

 F58B9C

 FFA6B7

 FFC2D3

 FFDEEF

 650025

 650A2B

 651432

 651E38

 65283F

 653345

 653D4B

 654752

 655158

 655B5F

Harmonies

Analogous

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



5C0944



650025



5E1503

Triad

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



650025



0A3800



00386C

Complementary

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



650025



006540

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.



003C59



650025



003B1A

Square

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



650025



313200



003D3B



00306E

Rectangle

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



650025



532100



003D3B



003A67

Sweetspot

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



650025



825B69



400065



422A33



C2C2C2



424242

Same Dimension

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



650025



820030



650D00



332E30



73002A



F20059

Inverse Universe

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



650025



820030



005865



332E30



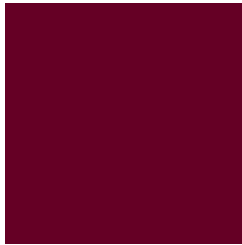
73002A



F20059

Previews

White Background



This preview shows how the Hex color 650025 looks on a white background.

Color Contrast Check

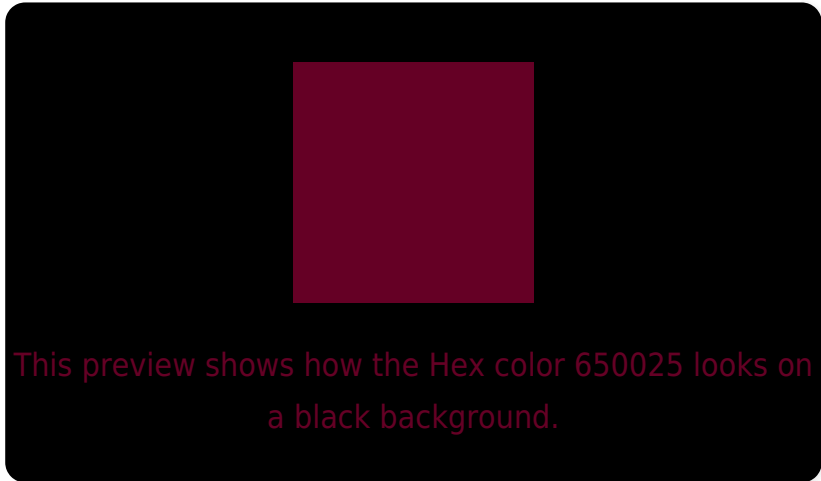
Large Text (above 18pt) WCAG AA ✓ Pass

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

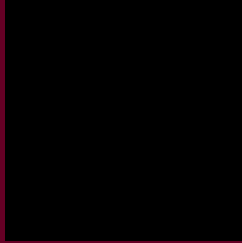
Any Text WCAG AA × Fail

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 650025 Background



This preview shows how black text looks on a background with the Hex color 650025.

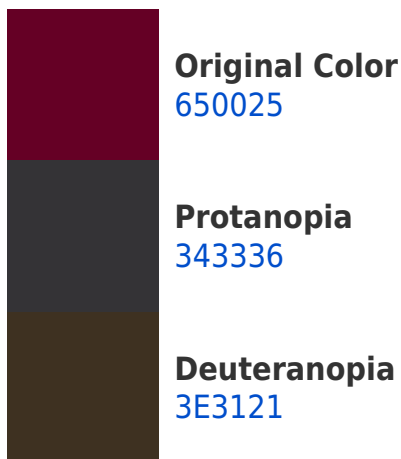


This preview shows how white text looks on a background with the Hex color 650025.

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
650025

Protanomaly
462030

Deuteranomaly
4C1F22

Tritanomaly
640A16

Monochromacy



Original Color
650025

Achromatopsia
222222

Achromatomaly
3A1623

CSS Examples

Text

The CSS property to change the color of the text to Hex 650025 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 #650025 looks like.

```
.text, #text, p{  
    color:#650025  
}
```

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 #650025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650025  
}
```

Border

The CSS property to change the border of an element to Hex 650025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

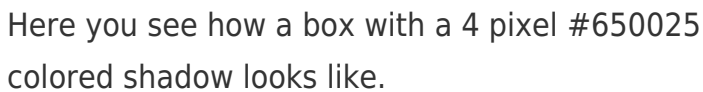
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#650025 }
```

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

```
.border{ border-color:#650025 }
```

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



Here you see how a box with a 4 pixel #650025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650025; -webkit-box-shadow:4px 4px  
4px 4px #650025; box-shadow:4px 4px 4px  
4px #650025 }
```

Background

The CSS property to change the background color of an element to Hex 650025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650025 }
```

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

```
.background{ background-color:#650025 }
```

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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