

Converting Colors

Hex(650D47)

Have a look what the booklet for
Hex(650D47) contains.

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Color

Hex(650D47)

Conversions

Conversions Part 1

Format	Color
Hex	650D47
RGB	101, 13, 71
RGB Percent	40%, 5%, 28%
CMY	0.6039, 0.9490, 0.7216
CMYK	0.00, 0.87, 0.30, 0.60
HSL	320°, 77%, 22%
HSV	320°, 87%, 40%
XYZ	6.6481, 3.5095, 6.2882
YIQ	45.9240, 33.8300, 36.6940

Conversions

Conversions Part 2

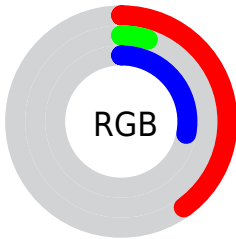
Format	Color
RYB	101, 13, 71
Decimal	6622535
CIELab	21.98, 42.31, -11.83
CIElCh	22, 43.932, 344.383
Yxy	3.5095, 0.4042, 0.2134
Android (android.graphics.Color)	4284812615 (0xFF650D47)
YUV	45.9240, 12.3625, 48.3017
Hunter-Lab	18.7336, 30.5613, -6.7881

Details

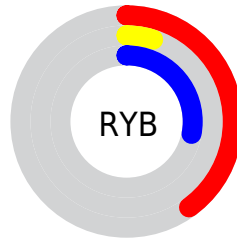
The Hex color **650D47** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0D652B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9B4477**, and **33001C** is the 20% darker color. If you saturate the color by 10%, you get **650344**, and if you desaturate by 10%, it is **65174A**.

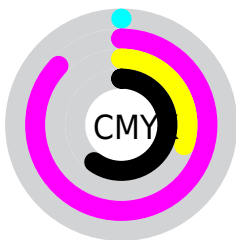
Distribution



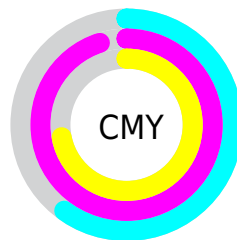
- Red (40%)
- Green (5%)
- Blue (28%)



- Red (40%)
- Yellow (5%)
- Blue (28%)



- Cyan (0%)
- Magenta (87%)
- Yellow (30%)
- Black (60%)



- Cyan (60%)
- Magenta (95%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 650D47 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 650D47 by changing the saturation by 10% instead.

 650D47

 650D47

FFFFFF

 4B0031

 9B4477

 33001C

 B75E91

 120000

 D478AC

 000000

 F193C7

 FFAEE3

 FFCAFF

 FFE7FF

 650D47

 650D47

■ 650344

■ 65174A

■ 650043

■ 65214E

■ 652B51

■ 653555

■ 653F58

■ 654A5C

■ 65545F

■ 655E63

■ 656866

Harmonies

Analogous

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



482364



650D47



6C0727

Triad

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



650D47



343800



004262

Complementary

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



650D47



0D652B

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.



004244



650D47



063E00

Square

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



650D47



502D00



004122



003D74

Rectangle

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



650D47



681512



004122



004259

Sweetspot

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



650D47



826077



2A0D65



422E3B



C2C2C2



424242

Same Dimension

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



650D47



820056



650D1C



332E31



73004C



F200A0

Inverse Universe

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



650D47



820056



0D6556



332E31



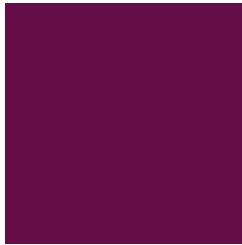
73004C



F200A0

Previews

White Background



This preview shows how the Hex color 650D47 looks on a white background.

Color Contrast Check

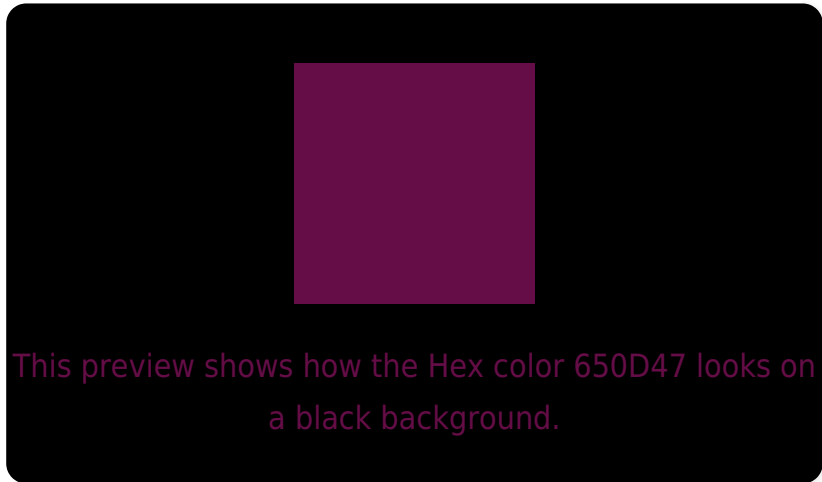
Large Text (above 18pt) WCAG AA ✓ Pass

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

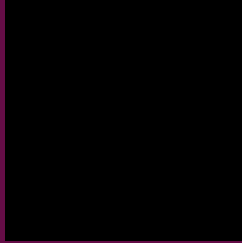
Any Text WCAG AA × Fail

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 650D47 Background



This preview shows how black text looks on a background with the Hex color 650D47.



This preview shows how white text looks on a background with the Hex color 650D47.

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
650D47

Protanopia
213663

Deuteranopia
373642



Tritanopia
621E1F

Trichromacy



Original Color
650D47

Protanomaly
3A2759

Deuteranomaly
482744

Tritanomaly
63182E

Monochromacy



Original Color
650D47

Achromatopsia
2E2E2E

Achromatomaly
422237

CSS Examples

Text

The CSS property to change the color of the text to Hex 650D47 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 #650D47 looks like.

```
.text, #text, p{  
    color:#650D47  
}
```

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 #650D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650D47
}
```

Border

The CSS property to change the border of an element to Hex 650D47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

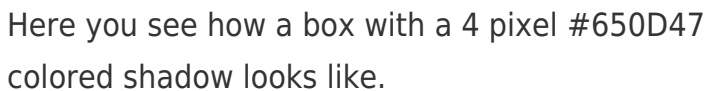
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#650D47 }
```

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

```
.border{ border-color:#650D47 }
```

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



Here you see how a box with a 4 pixel #650D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650D47; -webkit-box-shadow:4px 4px  
4px 4px #650D47; box-shadow:4px 4px 4px  
4px #650D47 }
```

Background

The CSS property to change the background color of an element to Hex 650D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650D47 }
```

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

```
.background{ background-color:#650D47 }
```

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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