

Converting Colors

Hex(631633)

Have a look what the booklet for
Hex(631633) contains.

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Color

Hex(631633)

Conversions

Conversions Part 1

Format	Color
Hex	631633
RGB	99, 22, 51
RGB Percent	39%, 9%, 20%
CMY	0.6118, 0.9137, 0.8000
CMYK	0.00, 0.78, 0.48, 0.61
HSL	337°, 64%, 24%
HSV	337°, 78%, 39%
XYZ	6.0300, 3.4655, 3.4831
YIQ	48.3290, 36.5830, 25.3430

Conversions

Conversions Part 2

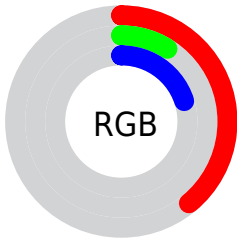
Format	Color
RYB	99, 22, 51
Decimal	6493747
CIELab	21.82, 36.40, 1.72
CIELCh	22, 36.444, 2.700
Yxy	3.4655, 0.4646, 0.2670
Android (android.graphics.Color)	4284683827 (0xFF631633)
YUV	48.3290, 1.3168, 44.4385
Hunter-Lab	18.6158, 25.2421, 1.9378




Details

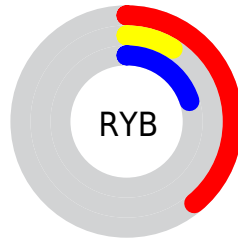
The Hex color **631633** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **166346**, and the grayscale version is **303030**.


A 20% lighter version of the original color is **994961**, and **320004** is the 20% darker color. If you saturate the color by 10%, you get **630C2D**, and if you desaturate by 10%, it is **632039**.

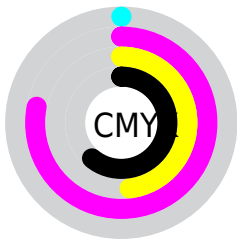
Distribution







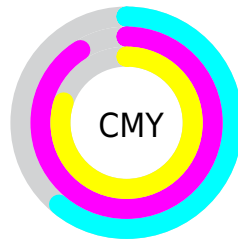
-  Red (39%)
-  Green (9%)
-  Blue (20%)






-  Red (39%)
-  Yellow (9%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (78%)
-  Yellow (48%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (91%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 631633 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 631633 by changing the saturation by 10% instead.

 631633

 631633

FFFFFF

 49001E

 994961

 320004

 B5627A

 030000

 D27C94

 000000

 EF96AE

 FFB2CA

 FFC EE6

 FFEAFF

 631633

 631633

■ 630C2D

■ 632039

■ 630227

■ 632A3F

■ 630025

■ 633446

■ 633E4C

■ 634852

■ 635158

■ 635B5E

■ 636564

■ 636F6B

Harmonies

Analogous

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



561E4D



631633



611D19

Triad

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



631633



233B00



003D64

Complementary

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



631633



166346

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.



004051



631633



003F1A

Square

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



631633



3F3400



004036



00376B

Rectangle

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



631633



592507



004036



003F5F

Sweetspot

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



631633



80626D



451663



402E35



BFBFBF



404040

Same Dimension

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



631633



800936



631F16



302C2D



70002A



F0005A

Inverse Universe

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



631633



800936



165A63



302C2D



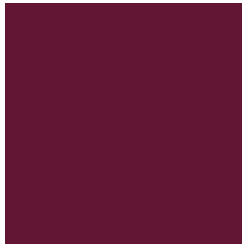
70002A



F0005A

Previews

White Background



This preview shows how the Hex color 631633 looks on a white background.

Color Contrast Check

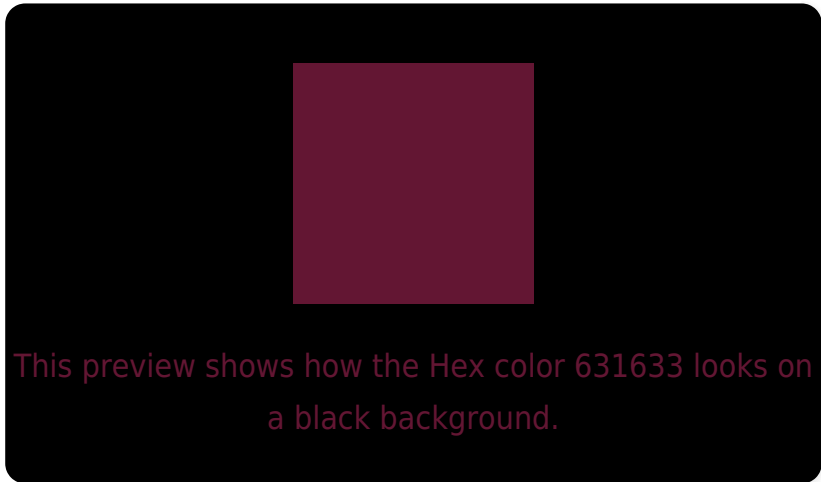
Large Text (above 18pt) WCAG AA ✓ Pass

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

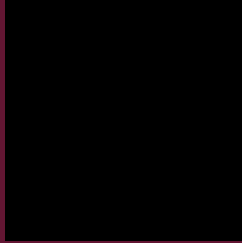
Any Text WCAG AA × Fail

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 631633 Background



This preview shows how black text looks on a background with the Hex color 631633.



This preview shows how white text looks on a background with the Hex color 631633.

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
631633

Protanopia
323645

Deuteranopia
3E342F

Trichromacy



Original Color
631633

Protanomaly
442A3E

Deuteranomaly
4B2930

Tritanomaly
621A25

Monochromacy



Original Color
631633

Achromatopsia
303030

Achromatomaly
432731

CSS Examples

Text

The CSS property to change the color of the text to Hex 631633 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 #631633 looks like.

```
.text, #text, p{  
    color:#631633  
}
```

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 #631633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #631633
}
```

Border

The CSS property to change the border of an element to Hex 631633 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".

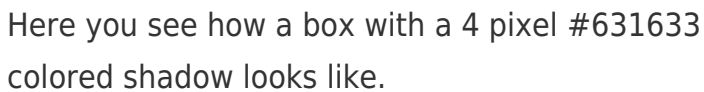
```
.border, #border, table{ border:4px solid
#631633 }
```

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

```
.border{ border-color:#631633 }
```

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

Here you see how a box with a 4 pixel #631633 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #631633; -webkit-box-shadow:4px 4px  
4px 4px #631633; box-shadow:4px 4px 4px  
4px #631633 }
```

Background

The CSS property to change the background color of an element to Hex 631633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#631633 }
```

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

```
.background{ background-color:#631633 }
```

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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