

Converting Colors

Hex(63112E)

Have a look what the booklet for
Hex(63112E) contains.

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Color

Hex(63112E)

Conversions

Conversions Part 1

Format	Color
Hex	63112E
RGB	99, 17, 46
RGB Percent	39%, 7%, 18%
CMY	0.6118, 0.9333, 0.8196
CMYK	0.00, 0.83, 0.54, 0.61
HSL	339°, 71%, 23%
HSV	339°, 83%, 39%
XYZ	5.8392, 3.2508, 2.9045
YIQ	44.8240, 39.5630, 26.4030

Conversions

Conversions Part 2

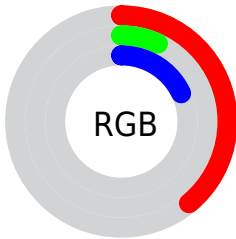
Format	Color
RYB	99, 17, 46
Decimal	6492462
CIELab	21.02, 37.72, 4.07
CIELCh	21, 37.935, 6.162
Yxy	3.2508, 0.4868, 0.2710
Android (android.graphics.Color)	4284682542 (0xFF63112E)
YUV	44.8240, 0.5798, 47.5124
Hunter-Lab	18.0300, 26.2564, 3.0699

Details

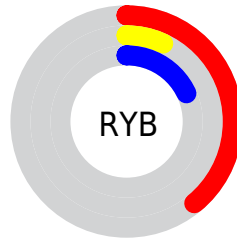
The Hex color **63112E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **116346**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9A455C**, and **320001** is the 20% darker color. If you saturate the color by 10%, you get **630728**, and if you desaturate by 10%, it is **631B34**.

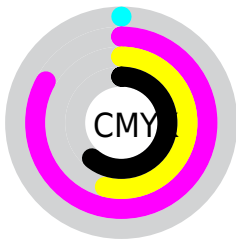
Distribution



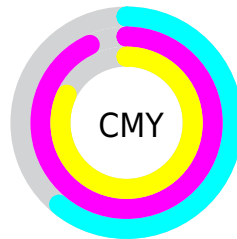
- Red (39%)
- Green (7%)
- Blue (18%)



- Red (39%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (83%)
- Yellow (54%)
- Black (61%)



- Cyan (61%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63112E 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 63112E by changing the saturation by 10% instead.

 63112E

 63112E

FFFFFF

 48001A

 9A455C

 320001

 B65E74

 000000

 D3788E

 F093A8

 FFAEC3

 FFCADF

 FFE7FC

 63112E

 63112E

■ 630728

■ 631B34

■ 630023

■ 63253B

■ 632F41

■ 633948

■ 63434E

■ 634C54

■ 63565B

■ 636061

■ 636A68

Harmonies

Analogous

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



58194A



63112E



5F1B13

Triad

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



63112E



1C3A00



003B66

Complementary

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



63112E



116346

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.



003E53



63112E



003D1A

Square

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



63112E



3A3300



003F38



00346B

Rectangle

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



63112E



562400



003F38



003D61

Sweetspot

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



63112E



80606B



451163



402D33



BFBFBF



404040

Same Dimension

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



63112E



80012E



631C11



302C2D



700028



F00055

Inverse Universe

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



63112E



80012E



115863



302C2D



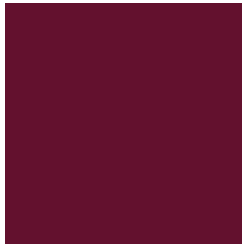
700028



F00055

Previews

White Background



This preview shows how the Hex color 63112E looks on a white background.

Color Contrast Check

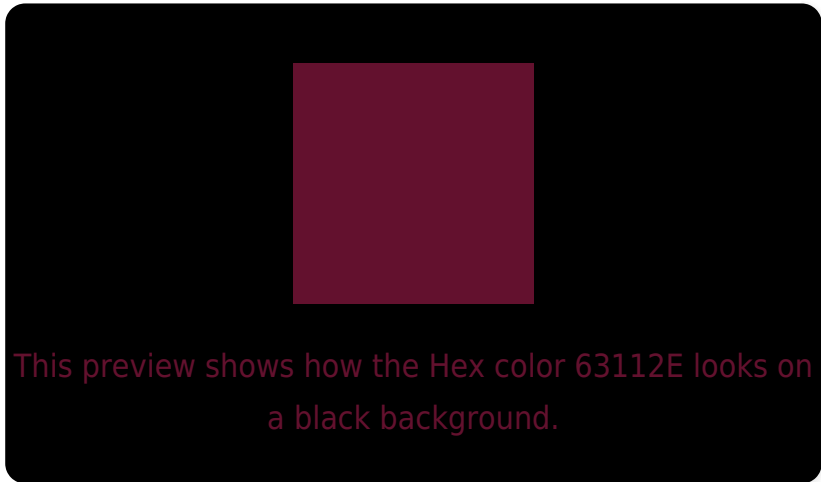
Large Text (above 18pt) WCAG AA ✓ Pass

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 63112E Background



This preview shows how black text looks on a background with the Hex color 63112E.



This preview shows how white text looks on a background with the Hex color 63112E.

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
63112E

Protanopia
323440

Deuteranopia
3D332A

Trichromacy



Original Color
63112E

Protanomaly
442739

Deuteranomaly
4B272B

Tritanomaly
621520

Monochromacy



Original Color
63112E

Achromatopsia
2D2D2D

Achromatomaly
41232D

CSS Examples

Text

The CSS property to change the color of the text to Hex 63112E 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 #63112E looks like.

```
.text, #text, p{  
    color:#63112E  
}
```

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 #63112E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63112E
}
```

Border

The CSS property to change the border of an element to Hex 63112E is called "border". The border property can be set on classes, ids or directly on the HTML element.

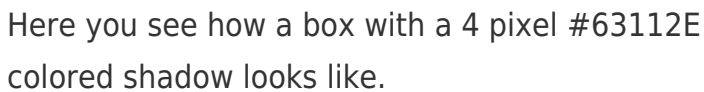
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63112E }
```

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

```
.border{ border-color:#63112E }
```

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



Here you see how a box with a 4 pixel #63112E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63112E; -webkit-box-shadow:4px 4px  
4px 4px #63112E; box-shadow:4px 4px 4px  
4px #63112E }
```

Background

The CSS property to change the background color of an element to Hex 63112E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63112E }
```

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

```
.background{ background-color:#63112E }
```

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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