

Converting Colors

Hex(51162A)

Have a look what the booklet for
Hex(51162A) contains.

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Color

Hex(51162A)

Conversions

Conversions Part 1

Format	Color
Hex	51162A
RGB	81, 22, 42
RGB Percent	32%, 9%, 16%
CMY	0.6824, 0.9137, 0.8353
CMYK	0.00, 0.73, 0.48, 0.68
HSL	340°, 57%, 20%
HSV	340°, 73%, 32%
XYZ	4.0982, 2.4903, 2.4552
YIQ	41.9210, 28.7440, 18.7280

Conversions

Conversions Part 2

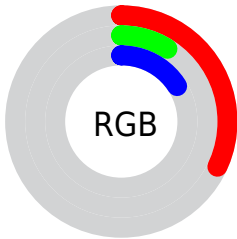
Format	Color
R_{YB}	81, 22, 42
Decimal	5314090
CIE Lab	17.87, 29.32, 1.90
CIE LCh	18, 29.379, 3.712
Yxy	2.4903, 0.4532, 0.2754
Android (android.graphics.Color)	4283504170 (0xFF51162A)
YUV	41.9210, 0.0389, 34.2723
Hunter-Lab	15.7807, 18.7391, 1.8222




Details

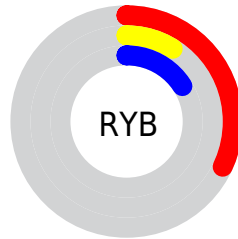
The Hex color **51162A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **16513D**, and the grayscale version is **2A2A2A**.




A 20% lighter version of the original color is **854657**, and **220001** is the 20% darker color. If you saturate the color by 10%, you get **510E25**, and if you desaturate by 10%, it is **511E2F**.

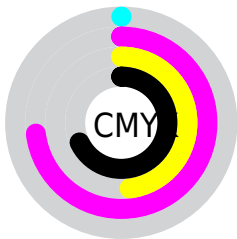
Distribution







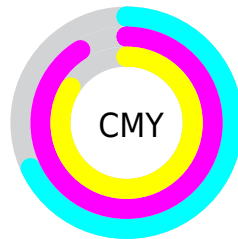
-  Red (32%)
-  Green (9%)
-  Blue (16%)






-  Red (32%)
-  Yellow (9%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (73%)
-  Yellow (48%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (91%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51162A 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 51162A by changing the saturation by 10% instead.

■ 51162A

■ 51162A

FFFFFF

■ 380016

■ 854657

■ 220001

■ A15E6F

■ 000000

■ BC7789

■ D992A3

■ F6ADBE

■ FFC8DA

■ FFE4F6

■ 51162A

■ 51162A

■ 510E25

■ 511E2F

■ 51061F

■ 512635

■ 51001B

■ 512E3A

■ 51363F

■ 513F45

■ 51474A

■ 514F4F

■ 515755

■ 515F5A

Harmonies

Analogous

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



471B3F



51162A



4F1B15

Triad

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



51162A



1E3102



003352

Complementary

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



51162A



16513D

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.



003543



51162A



003418

Square

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



51162A



342C00



00362E



002D56

Rectangle

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



51162A



492007



00362E



00344E

Sweetspot

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



51162A



695259



3C1651



36282C



B5B5B5



363636

Same Dimension

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



51162A



690E2C



511F16



292526



690023



E8004F

Inverse Universe

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



51162A



690E2C



164851



292526



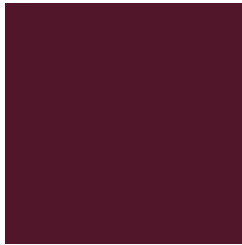
690023



E8004F

Previews

White Background



This preview shows how the Hex color 51162A 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

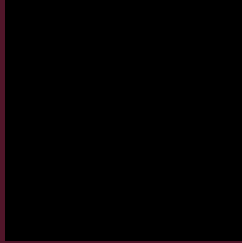
Any Text WCAG AA × Fail

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 51162A Background



This preview shows how black text looks on a background with the Hex color 51162A.



This preview shows how white text looks on a background with the Hex color 51162A.

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
51162A

Protanopia
2B2D37

Deuteranopia
342C27



Tritanopia
501A1B

Trichromacy



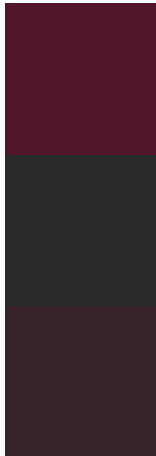
Original Color
51162A

Protanomaly
392532

Deuteranomaly
3F2428

Tritanomaly
501920

Monochromacy



Original Color
51162A

Achromatopsia
2A2A2A

Achromatomaly
38232A

CSS Examples

Text

The CSS property to change the color of the text to Hex 51162A 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 #51162A looks like.

```
.text, #text, p{  
    color:#51162A  
}
```

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 #51162A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51162A
}
```

Border

The CSS property to change the border of an element to Hex 51162A 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".

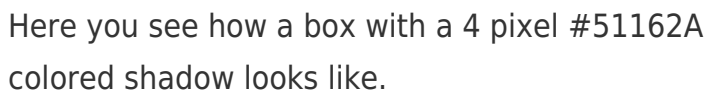
```
.border, #border, table{ border:4px solid
#51162A }
```

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

```
.border{ border-color:#51162A }
```

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

Here you see how a box with a 4 pixel #51162A 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 #51162A; -webkit-box-shadow:4px 4px  
4px 4px #51162A; box-shadow:4px 4px 4px  
4px #51162A }
```

Background

The CSS property to change the background color of an element to Hex 51162A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51162A }
```

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

```
.background{ background-color:#51162A }
```

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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