

Converting Colors

Hex(50112C)

Have a look what the booklet for
Hex(50112C) contains.

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Color

Hex(50112C)

Conversions

Conversions Part 1

Format	Color
Hex	50112C
RGB	80, 17, 44
RGB Percent	31%, 7%, 17%
CMY	0.6863, 0.9333, 0.8275
CMYK	0.00, 0.79, 0.45, 0.69
HSL	334°, 65%, 19%
HSV	334°, 79%, 31%
XYZ	3.9633, 2.2882, 2.6157
YIQ	38.9150, 28.8810, 21.7530

Conversions

Conversions Part 2

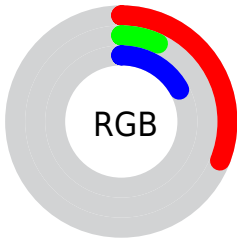
Format	Color
R_{YB}	80, 17, 44
Decimal	5247276
CIE _{Lab}	16.93, 31.43, -0.93
CIE _{LCh}	17, 31.448, 358.309
Yxy	2.2882, 0.4470, 0.2581
Android (android.graphics.Color)	4283437356 (0xFF50112C)
YUV	38.9150, 2.5069, 36.0315
Hunter-Lab	15.1269, 20.2962, 0.3367




Details

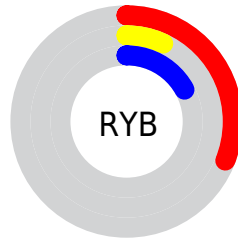
The Hex color **50112C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **115035**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **844259**, and **200001** is the 20% darker color. If you saturate the color by 10%, you get **500927**, and if you desaturate by 10%, it is **501931**.

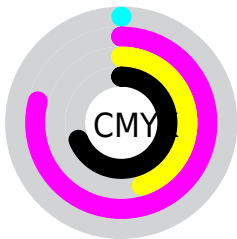
Distribution







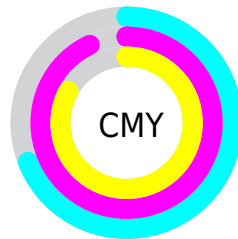
-  Red (31%)
-  Green (7%)
-  Blue (17%)






-  Red (31%)
-  Yellow (7%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (45%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (93%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50112C 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 50112C by changing the saturation by 10% instead.

 50112C

 50112C

 FFFDFF

 370018

 844259

 200001

 9F5A72

 000000

 BB748B

 D88EA6

 F5A9C1

 FFC4DD

 FFE0F9

 50112C

 50112C

■ 500927

■ 501931

■ 500123

■ 502135

■ 500022

■ 50293A

■ 50313E

■ 503943

■ 504147

■ 50494C

■ 505151

■ 505955

Harmonies

Analogous

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



431942



50112C



501516

Triad

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



50112C



202E00



003250

Complementary

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



50112C



115035

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.



00343F



50112C



003210

Square

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



50112C



362800



003428



002D57

Rectangle

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



50112C



4A1B05



003428



00334B

Sweetspot

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



50112C



694F5A



351150



36262D



B5B5B5



363636

Same Dimension

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



50112C



690530



501511



292526



69002D



E80063

Inverse Universe

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



50112C



690530



114C50



292526



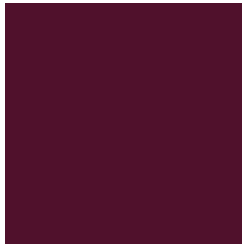
69002D



E80063

Previews

White Background



This preview shows how the Hex color 50112C looks on a white background.

Color Contrast Check

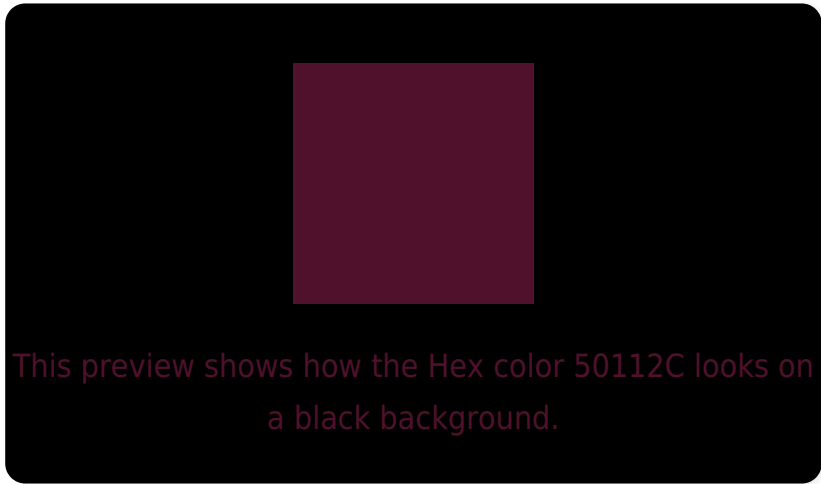
Large Text (above 18pt) WCAG AA ✓ Pass

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

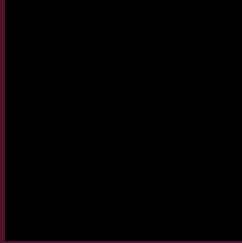
Any Text WCAG AA × Fail

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 50112C Background



This preview shows how black text looks on a background with the Hex color 50112C.



This preview shows how white text looks on a background with the Hex color 50112C.

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
50112C

Protanopia
272B3B

Deuteranopia
312A29



Tritanopia
4F1718

Trichromacy



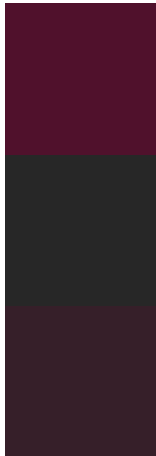
Original Color
50112C

Protanomaly
362236

Deuteranomaly
3C212A

Tritanomaly
4F151F

Monochromacy



Original Color
50112C

Achromatopsia
272727

Achromatomaly
361F29

CSS Examples

Text

The CSS property to change the color of the text to Hex 50112C 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 #50112C looks like.

```
.text, #text, p{  
    color:#50112C  
}
```

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 #50112C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50112C
}
```

Border

The CSS property to change the border of an element to Hex 50112C is called "border". The border property can be set on classes, ids or directly on the HTML element.

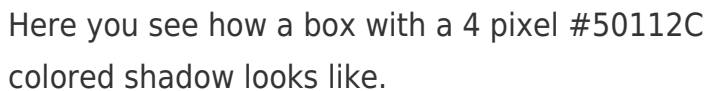
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50112C }
```

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

```
.border{ border-color:#50112C }
```

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



Here you see how a box with a 4 pixel #50112C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50112C; -webkit-box-shadow:4px 4px  
4px 4px #50112C; box-shadow:4px 4px 4px  
4px #50112C }
```

Background

The CSS property to change the background color of an element to Hex 50112C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50112C }
```

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

```
.background{ background-color:#50112C }
```

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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