

Converting Colors

Hex(5F112A)

Have a look what the booklet for
Hex(5F112A) contains.

Hex(5F112A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F112A)

Conversions

Conversions Part 1

Format	Color
Hex	5F112A
RGB	95, 17, 42
RGB Percent	37%, 7%, 16%
CMY	0.6275, 0.9333, 0.8353
CMYK	0.00, 0.82, 0.56, 0.63
HSL	341°, 70%, 22%
HSV	341°, 82%, 37%
XYZ	5.3377, 3.0010, 2.4884
YIQ	43.1720, 38.4630, 24.3110

Conversions

Conversions Part 2

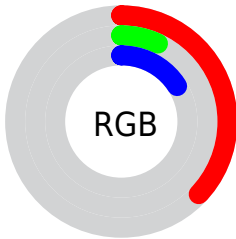
Format	Color
RYB	95, 17, 42
Decimal	6230314
CIELab	20.05, 36.10, 5.39
CIELCh	20, 36.496, 8.500
Yxy	3.0010, 0.4930, 0.2772
Android (android.graphics.Color)	4284420394 (0xFF5F112A)
YUV	43.1720, -0.5778, 45.4532
Hunter-Lab	17.3233, 24.6840, 3.6096




Details

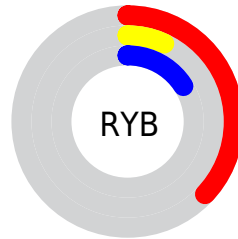
The Hex color **5F112A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **115F46**, and the grayscale version is **2B2B2B**.




A 20% lighter version of the original color is **954457**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **5F0824**, and if you desaturate by 10%, it is **5F1A30**.

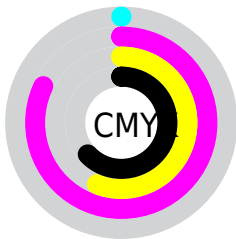
Distribution







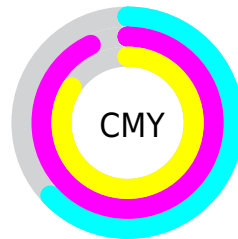
-  Red (37%)
-  Green (7%)
-  Blue (16%)






-  Red (37%)
-  Yellow (7%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (82%)
-  Yellow (56%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (93%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F112A 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 5F112A by changing the saturation by 10% instead.

 5F112A

 5F112A

FFFFFF

 450016

 954457

 2F0002

 B25D6F

 000000

 CE7789

 EC92A3

 FFADBE

 FFC9DA

 FFE5F6

 5F112A

 5F112A

■ 5F0824

■ 5F1A30

■ 5F001E

■ 5F2437

■ 5F2D3D

■ 5F3744

■ 5F414A

■ 5F4A51

■ 5F5457

■ 5F5D5E

■ 5F6764

Harmonies

Analogous

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



551745



5F112A



5A1B10

Triad

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



5F112A



183800



003862

Complementary

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



5F112A



115F46

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.



003C51



5F112A



003B1C

Square

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



5F112A



363200



003C38



003166

Rectangle

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



5F112A



522400



003C38



003A5E

Sweetspot

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



5F112A



7A5C66



45115F



3D2B31



BDBDBD



3D3D3D

Same Dimension

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



5F112A



7A0128



5F1E11



302C2D



700024



F0004D

Inverse Universe

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



5F112A



7A0128



11525F



302C2D



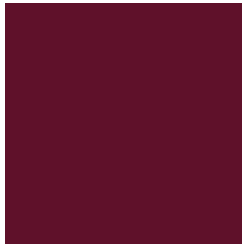
700024



F0004D

Previews

White Background



This preview shows how the Hex color 5F112A 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

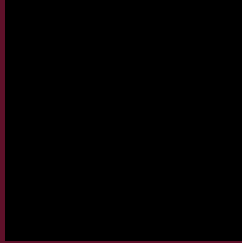
Any Text WCAG AA × Fail

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 5F112A Background



This preview shows how black text looks on a background with the Hex color 5F112A.



This preview shows how white text looks on a background with the Hex color 5F112A.

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
5F112A

Protanopia
31323A

Deuteranopia
3C3026



Tritanopia
5E1617

Trichromacy



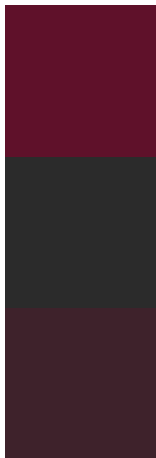
Original Color
5F112A

Protanomaly
422634

Deuteranomaly
492527

Tritanomaly
5E141E

Monochromacy



Original Color
5F112A

Achromatopsia
2B2B2B

Achromatomaly
3E222B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F112A 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 #5F112A looks like.

```
.text, #text, p{  
    color:#5F112A  
}
```

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 #5F112A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F112A
}
```

Border

The CSS property to change the border of an element to Hex 5F112A 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".

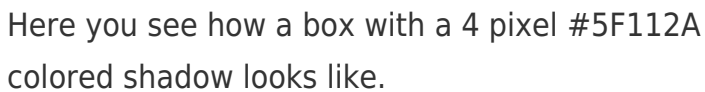
```
.border, #border, table{ border:4px solid
#5F112A }
```

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

```
.border{ border-color:#5F112A }
```

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

Here you see how a box with a 4 pixel #5F112A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5F112A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F112A; -webkit-box-shadow:4px 4px  
4px 4px #5F112A; box-shadow:4px 4px 4px  
4px #5F112A }
```

Background

The CSS property to change the background color of an element to Hex 5F112A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F112A }
```

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

```
.background{ background-color:#5F112A }
```

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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