

Converting Colors

Hex(5A1230)

Have a look what the booklet for
Hex(5A1230) contains.

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Color

Hex(5A1230)

Conversions

Conversions Part 1

Format	Color
Hex	5A1230
RGB	90, 18, 48
RGB Percent	35%, 7%, 19%
CMY	0.6471, 0.9294, 0.8118
CMYK	0.00, 0.80, 0.47, 0.65
HSL	335°, 67%, 21%
HSV	335°, 80%, 35%
XYZ	4.9663, 2.8197, 3.0788
YIQ	42.9480, 33.2820, 24.5940

Conversions

Conversions Part 2

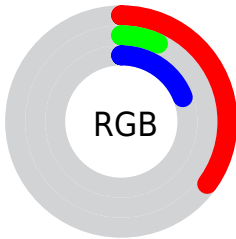
Format	Color
RYB	90, 18, 48
Decimal	5902896
CIELab	19.31, 34.74, -0.06
CIElCh	19, 34.741, 359.906
Yxy	2.8197, 0.4571, 0.2595
Android (android.graphics.Color)	4284092976 (0xFF5A1230)
YUV	42.9480, 2.4906, 41.2646
Hunter-Lab	16.7919, 23.4062, 0.8834

Details

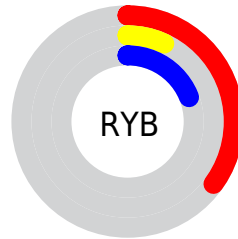
The Hex color **5A1230** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **125A3C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8F445E**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5A092B**, and if you desaturate by 10%, it is **5A1B35**.

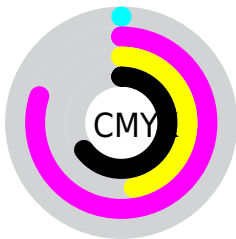
Distribution



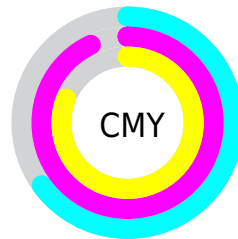
- Red (35%)
- Green (7%)
- Blue (19%)



- Red (35%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (80%)
- Yellow (47%)
- Black (65%)



- Cyan (65%)
- Magenta (93%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A1230 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 5A1230 by changing the saturation by 10% instead.

 5A1230

 5A1230

FFFFFF

 40001B

 8F445E

 2C0001

 AB5D76

 000000

 C77790

 E491AB

 FFACC6

 FFC8E2

 FFE4FE

 5A1230

 5A1230

■ 5A092B

■ 5A1B35

■ 5A0025

■ 5A243A

■ 5A2D40

■ 5A3645

■ 5A3F4A

■ 5A484F

■ 5A5155

■ 5A5A5A

■ 5A635F

Harmonies

Analogous

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



4C1B49



5A1230



591717

Triad

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



5A1230



223400



00385B

Complementary

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



5A1230



125A3C

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.



003A47



5A1230



003814

Square

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



5A1230



3B2E00



003A2E



003262

Rectangle

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



5A1230



521F05



003A2E



003955

Sweetspot

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



5A1230



755965



3C125A



3B2A31



BABABA



3B3B3B

Same Dimension

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



5A1230



750534



5A1812



2E292B



6E002E



ED0063

Inverse Universe

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



5A1230



750534



12545A



2E292B



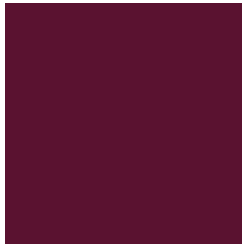
6E002E



ED0063

Previews

White Background



This preview shows how the Hex color 5A1230 looks on a white background.

Color Contrast Check

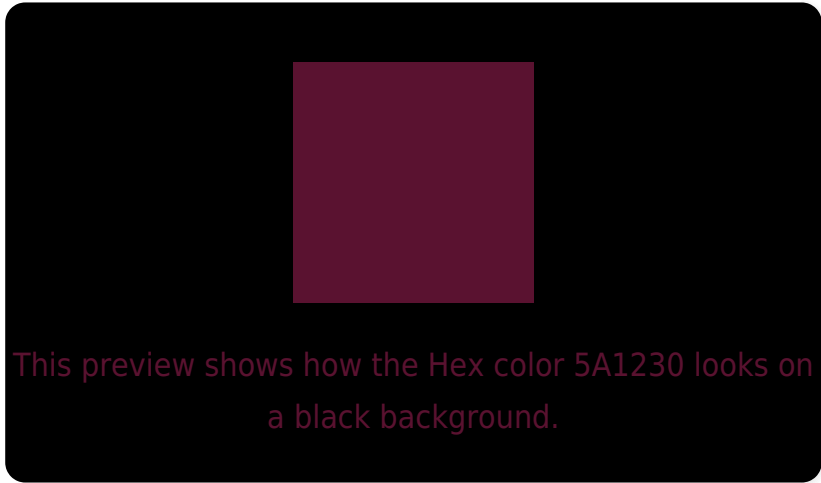
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A1230 Background



This preview shows how black text looks on a background with the Hex color 5A1230.



This preview shows how white text looks on a background with the Hex color 5A1230.

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
5A1230

Protanopia
2C3041

Deuteranopia
372F2D



Tritanopia
59191A

Trichromacy



Original Color
5A1230

Protanomaly
3D253B

Deuteranomaly
44242E

Tritanomaly
591622

Monochromacy



Original Color
5A1230

Achromatopsia
2B2B2B

Achromatomaly
3C222D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A1230 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 #5A1230 looks like.

```
.text, #text, p{  
    color:#5A1230  
}
```

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 #5A1230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A1230  
}
```

Border

The CSS property to change the border of an element to Hex 5A1230 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".

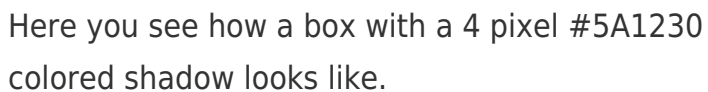
```
.border, #border, table{ border:4px solid  
#5A1230 }
```

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

```
.border{ border-color:#5A1230 }
```

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

Here you see how a box with a 4 pixel #5A1230 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 #5A1230 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A1230; -webkit-box-shadow:4px 4px  
4px 4px #5A1230; box-shadow:4px 4px 4px  
4px #5A1230 }
```

Background

The CSS property to change the background color of an element to Hex 5A1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A1230 }
```

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

```
.background{ background-color:#5A1230 }
```

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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