

Converting Colors

Hex(5A0926)

Have a look what the booklet for
Hex(5A0926) contains.

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Color

Hex(5A0926)

Conversions

Conversions Part 1

Format	Color
Hex	5A0926
RGB	90, 9, 38
RGB Percent	35%, 4%, 15%
CMY	0.6471, 0.9647, 0.8510
CMYK	0.00, 0.90, 0.58, 0.65
HSL	339°, 82%, 19%
HSV	339°, 90%, 35%
XYZ	4.6640, 2.5090, 2.0722
YIQ	36.5250, 38.9670, 26.1910

Conversions

Conversions Part 2

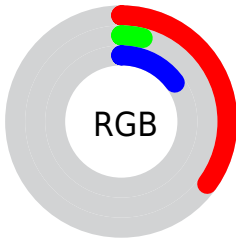
Format	Color
R_{YB}	90, 9, 38
Decimal	5900582
CIE _{Lab}	17.96, 36.68, 5.15
CIE _{LCh}	18, 37.037, 7.997
Yxy	2.5090, 0.5045, 0.2714
Android (android.graphics.Color)	4284090662 (0xFF5A0926)
YUV	36.5250, 0.7272, 46.8976
Hunter-Lab	15.8397, 24.8395, 3.3314

Details

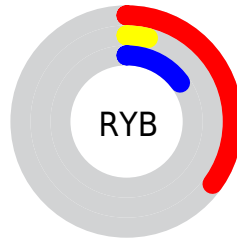
The Hex color **5A0926** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **095A3D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **903E52**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **5A0020**, and if you desaturate by 10%, it is **5A122C**.

Distribution



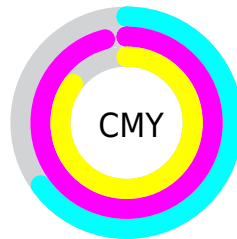
- Red (35%)
- Green (4%)
- Blue (15%)



- Red (35%)
- Yellow (4%)
- Blue (15%)



- Cyan (0%)
- Magenta (90%)
- Yellow (58%)
- Black (65%)



- Cyan (65%)
- Magenta (96%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0926 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 5A0926 by changing the saturation by 10% instead.

 5A0926

 5A0926

 FFFBFF

 400011

 903E52

 290001

 AC586B

 000000

 C97184

 E68B9E

 FFA7B9

 FFC2D4

 FFDFF1

 5A0926

 5A0926

■ 5A0020

■ 5A122C

■ 5A1B32

■ 5A2437

■ 5A2D3D

■ 5A3643

■ 5A3F49

■ 5A484E

■ 5A5154

■ 5A5A5A

Harmonies

Analogous

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



501140



5A0926



55150B

Triad

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



5A0926



153300



00345E

Complementary

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



5A0926



095A3D

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.



00374C



5A0926



003617

Square

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



5A0926



312D00



003733



002D61

Rectangle

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



5A0926



4D1F00



003733



003559

Sweetspot

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



5A0926



755661



3C095A



3B282F



BABABA



3B3B3B

Same Dimension

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



5A0926



75002A



5A1409



2E292B



6E0027



ED0055

Inverse Universe

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



5A0926



75002A



094F5A



2E292B



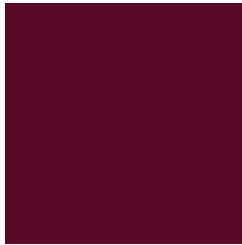
6E0027



ED0055

Previews

White Background



This preview shows how the Hex color 5A0926 looks on a white background.

Color Contrast Check

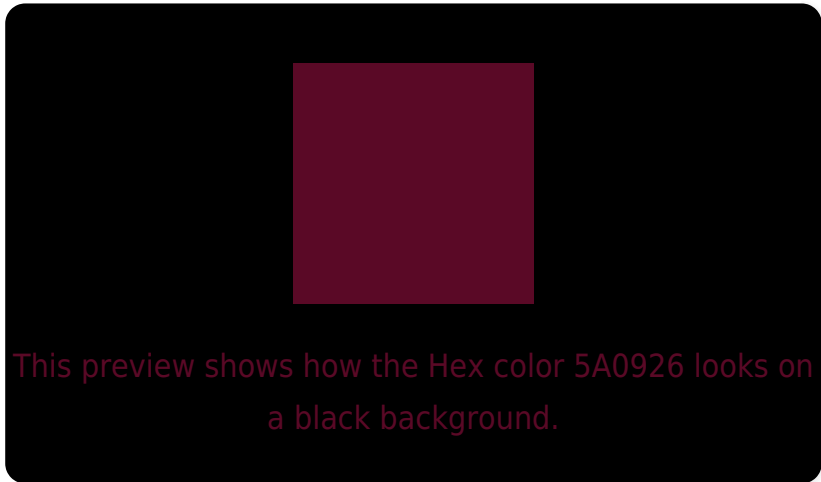
Large Text (above 18pt) WCAG AA ✓ Pass

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

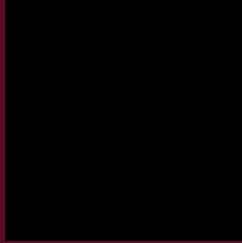
Any Text WCAG AA × Fail

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 5A0926 Background



This preview shows how black text looks on a background with the Hex color 5A0926.



This preview shows how white text looks on a background with the Hex color 5A0926.

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
5A0926

Protanopia
2D2E37

Deuteranopia
372D22



Tritanopia
591111

Trichromacy



Original Color
5A0926

Protanomaly
3D2131

Deuteranomaly
442023

Tritanomaly
590E19

Monochromacy



Original Color
5A0926

Achromatopsia
252525

Achromatomaly
381B25

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0926 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 #5A0926 looks like.

```
.text, #text, p{  
    color:#5A0926  
}
```

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 #5A0926 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0926
}
```

Border

The CSS property to change the border of an element to Hex 5A0926 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".

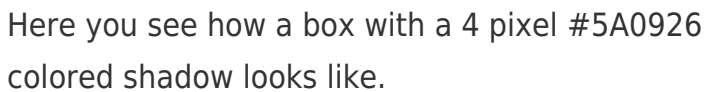
```
.border, #border, table{ border:4px solid
#5A0926 }
```

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

```
.border{ border-color:#5A0926 }
```

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

Here you see how a box with a 4 pixel #5A0926 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. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0926; -webkit-box-shadow:4px 4px  
4px 4px #5A0926; box-shadow:4px 4px 4px  
4px #5A0926 }
```

Background

The CSS property to change the background color of an element to Hex 5A0926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0926 }
```

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

```
.background{ background-color:#5A0926 }
```

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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