

Converting Colors

Hex(5A042B)

Have a look what the booklet for
Hex(5A042B) contains.

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Color

Hex(5A042B)

Conversions

Conversions Part 1

Format	Color
Hex	5A042B
RGB	90, 4, 43
RGB Percent	35%, 2%, 17%
CMY	0.6471, 0.9843, 0.8314
CMYK	0.00, 0.96, 0.52, 0.65
HSL	333°, 91%, 18%
HSV	333°, 96%, 35%
XYZ	4.6959, 2.4349, 2.5080
YIQ	34.1600, 38.7370, 30.3610

Conversions

Conversions Part 2

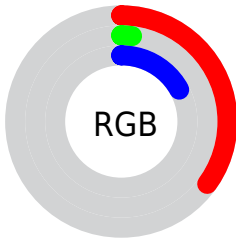
Format	Color
RYB	90, 4, 43
Decimal	5899307
CIELab	17.62, 38.55, 1.06
CIELCh	18, 38.563, 1.580
Yxy	2.4349, 0.4872, 0.2526
Android (android.graphics.Color)	4284089387 (0xFF5A042B)
YUV	34.1600, 4.3581, 48.9717
Hunter-Lab	15.6042, 26.4102, 1.3936

Details

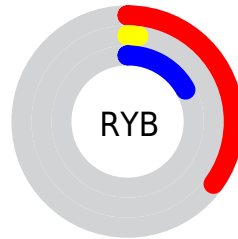
The Hex color **5A042B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **045A33**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **903C58**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **5A0029**, and if you desaturate by 10%, it is **5A0D30**.

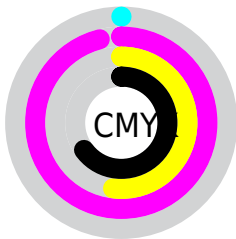
Distribution



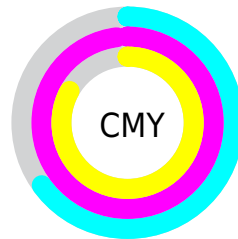
- Red (35%)
- Green (2%)
- Blue (17%)



- Red (35%)
- Yellow (2%)
- Blue (17%)



- Cyan (0%)
- Magenta (96%)
- Yellow (52%)
- Black (65%)



- Cyan (65%)
- Magenta (98%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A042B 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 5A042B by changing the saturation by 10% instead.

 5A042B

 5A042B

 FFF9FF

 400017

 903C58

 290001

 AC5571

 000000

 C96F8A

 E689A4

 FFA4BF

 FFC0DB

 FFDCF8

 5A042B

 5A042B

■ 5A0029

■ 5A0D30

■ 5A1635

■ 5A1F3A

■ 5A283F

■ 5A3144

■ 5A3A49

■ 5A434D

■ 5A4C52

■ 5A5557

Harmonies

Analogous

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



4D1246



5A042B



580E0F

Triad

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



5A042B



1A3200



00355C

Complementary

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



5A042B



045A33

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.



003748



5A042B



00350E

Square

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



5A042B



352B00



00372C



002E63

Rectangle

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



5A042B



501A00



00372C



003657

Sweetspot

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



5A042B



755363



32045A



3B262F



BABABA



3B3B3B

Same Dimension

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



5A042B



750035



5A0704



2E292B



6E0032



ED006C

Inverse Universe

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



5A042B



750035



04575A



2E292B



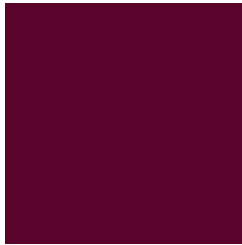
6E0032



ED006C

Previews

White Background



This preview shows how the Hex color 5A042B looks on a white background.

Color Contrast Check

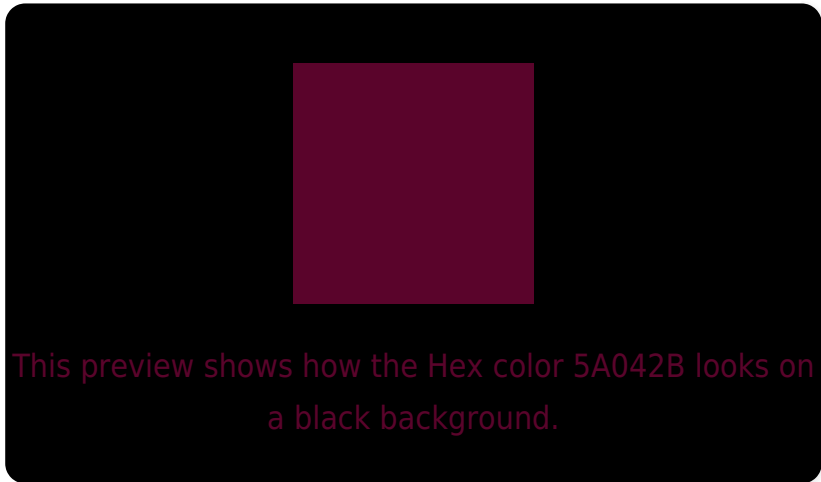
Large Text (above 18pt) WCAG AA ✓ Pass

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

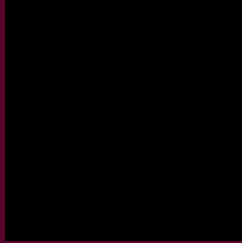
Any Text WCAG AA × Fail

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 5A042B Background



This preview shows how black text looks on a background with the Hex color 5A042B.

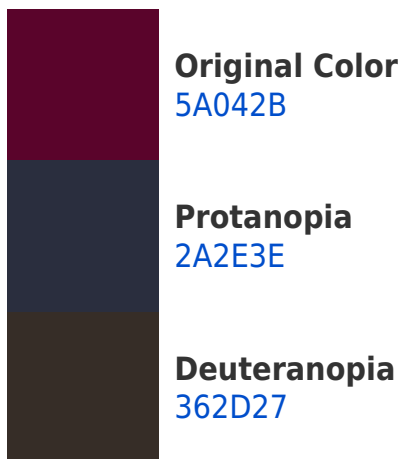


This preview shows how white text looks on a background with the Hex color 5A042B.

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





Tritanopia
591111

Trichromacy



Original Color
5A042B

Protanomaly
3B1F37

Deuteranomaly
431E28

Tritanomaly
590C1A

Monochromacy



Original Color
5A042B

Achromatopsia
222222

Achromatomaly
361725

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A042B 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 #5A042B looks like.

```
.text, #text, p{  
    color:#5A042B  
}
```

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 #5A042B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A042B
}
```

Border

The CSS property to change the border of an element to Hex 5A042B 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".

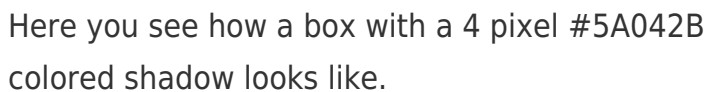
```
.border, #border, table{ border:4px solid
#5A042B }
```

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

```
.border{ border-color:#5A042B }
```

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

Here you see how a box with a 4 pixel #5A042B 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 #5A042B; -webkit-box-shadow:4px 4px  
4px 4px #5A042B; box-shadow:4px 4px 4px  
4px #5A042B }
```

Background

The CSS property to change the background color of an element to Hex 5A042B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A042B }
```

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

```
.background{ background-color:#5A042B }
```

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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