

Converting Colors

Hex(8A2158)

Have a look what the booklet for
Hex(8A2158) contains.

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Color

Hex(8A2158)

Conversions

Conversions Part 1

Format	Color
Hex	8A2158
RGB	138, 33, 88
RGB Percent	54%, 13%, 35%
CMY	0.4588, 0.8706, 0.6549
CMYK	0.00, 0.76, 0.36, 0.46
HSL	329°, 61%, 34%
HSV	329°, 76%, 54%
XYZ	12.7865, 7.1956, 9.9475
YIQ	70.6650, 44.9250, 39.3650

Conversions

Conversions Part 2

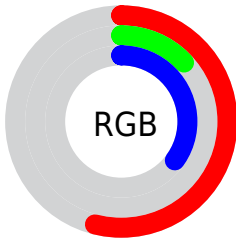
Format	Color
R_{YB}	138, 33, 88
Decimal	9052504
CIE Lab	32.25, 48.23, -6.89
CIE LCh	32, 48.722, 351.869
Yxy	7.1956, 0.4272, 0.2404
Android (android.graphics.Color)	4287242584 (0xFF8A2158)
YUV	70.6650, 8.5462, 59.0528
Hunter-Lab	26.8246, 38.1432, -3.2096

Details

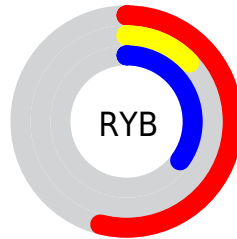
The Hex color **8A2158** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **218A53**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C3588A**, and **53002B** is the 20% darker color. If you saturate the color by 10%, you get **8A1351**, and if you desaturate by 10%, it is **8A2F5F**.

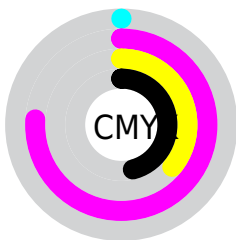
Distribution



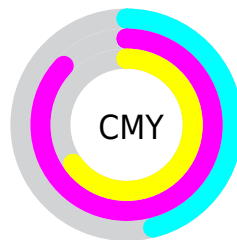
- Red (54%)
- Green (13%)
- Blue (35%)



- Red (54%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (76%)
- Yellow (36%)
- Black (46%)



- Cyan (46%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A2158 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 8A2158 by changing the saturation by 10% instead.

 8A2158

 8A2158

FFFFFF

 6E0041

 C3588A

 53002B

 E072A4

 3A0017

 FE8EBF

 1C0001

 FFA9DB

 000000

 FFC5F8

 FFE2FF

 8A2158

 8A2158

 8A1351

 8A2F5F

 8A054B

 8A3D65

 8A0048

 8A4A6C

 8A5872

 8A6679

 8A747F

 8A8286

 8A8F8D

 8A9D93

Harmonies

Analogous

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



6F337C



8A2158



8E2332

Triad

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



8A2158



425200



005B88

Complementary

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



8A2158



218A53

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.



005D67



8A2158



005918

Square

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



8A2158



654600



005C40



005498

Rectangle

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



8A2158



862F1A



005C40



005C7E

Sweetspot

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



8A2158



B3899F



52218A



59404D



D9D9D9



595959

Same Dimension

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



8A2158



B31065



8A2124



453E42



850045



050003

Inverse Universe

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



8A2158



B31065



218A87



453E42



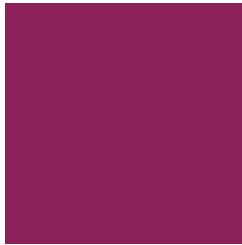
850045



050003

Previews

White Background



This preview shows how the Hex color 8A2158 looks on a white background.

Color Contrast Check

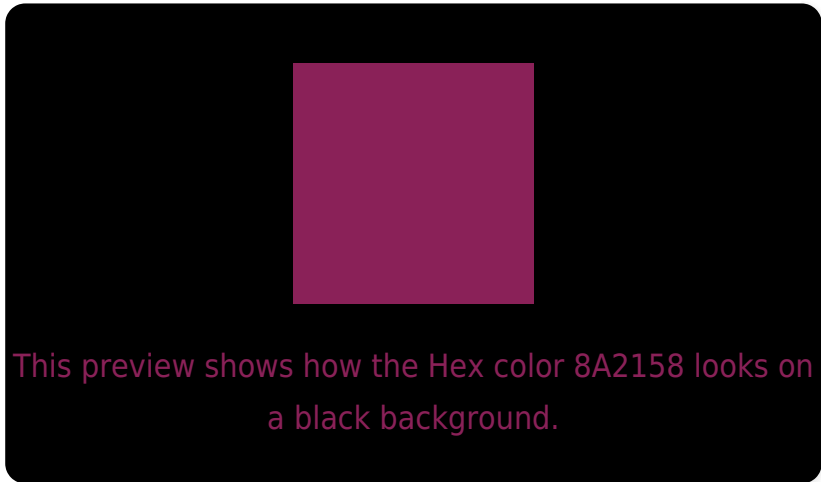
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A2158 Background



This preview shows how black text looks on a background with the Hex color 8A2158.



This preview shows how white text looks on a background with the Hex color 8A2158.

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
872D2F

Trichromacy



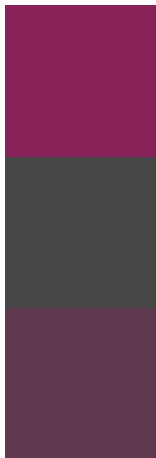
Original Color
8A2158

Protanomaly
5A3C6A

Deuteranomaly
663C55

Tritanomaly
88293E

Monochromacy



Original Color
8A2158

Achromatopsia
474747

Achromatomaly
5F394D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A2158 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 #8A2158 looks like.

```
.text, #text, p{  
    color:#8A2158  
}
```

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 #8A2158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A2158  
}
```

Border

The CSS property to change the border of an element to Hex 8A2158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

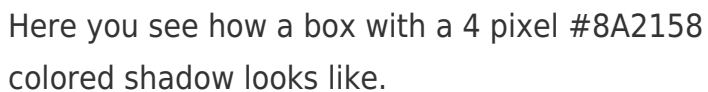
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8A2158 }
```

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

```
.border{ border-color:#8A2158 }
```

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



Here you see how a box with a 4 pixel #8A2158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A2158; -webkit-box-shadow:4px 4px  
4px 4px #8A2158; box-shadow:4px 4px 4px  
4px #8A2158 }
```

Background

The CSS property to change the background color of an element to Hex 8A2158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A2158 }
```

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

```
.background{ background-color:#8A2158 }
```

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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