

Converting Colors

Hex(8C2258)

Have a look what the booklet for
Hex(8C2258) contains.

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Color

Hex(8C2258)

Conversions

Conversions Part 1

Format	Color
Hex	8C2258
RGB	140, 34, 88
RGB Percent	55%, 13%, 35%
CMY	0.4510, 0.8667, 0.6549
CMYK	0.00, 0.76, 0.37, 0.45
HSL	329°, 61%, 34%
HSV	329°, 76%, 55%
XYZ	13.1487, 7.4241, 9.9725
YIQ	71.8500, 45.8420, 39.2660

Conversions

Conversions Part 2

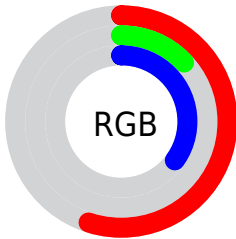
Format	Color
R_{YB}	140, 34, 88
Decimal	9183832
CIE _{Lab}	32.75, 48.45, -6.09
CIE _{LCh}	33, 48.831, 352.830
Yxy	7.4241, 0.4305, 0.2431
Android (android.graphics.Color)	4287373912 (0xFF8C2258)
YUV	71.8500, 7.9620, 59.7676
Hunter-Lab	27.2472, 38.4564, -2.6272

Details

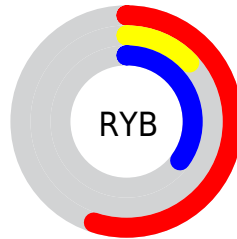
The Hex color **8C2258** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **228C56**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **C5598A**, and **55002B** is the 20% darker color. If you saturate the color by 10%, you get **8C1451**, and if you desaturate by 10%, it is **8C305F**.

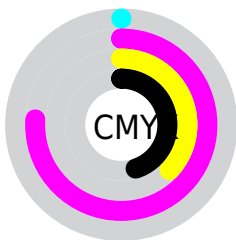
Distribution



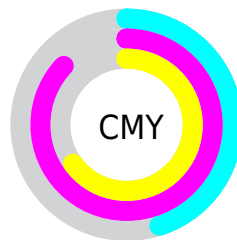
- Red (55%)
- Green (13%)
- Blue (35%)



- Red (55%)
- Yellow (13%)
- Blue (35%)



- Cyan (0%)
- Magenta (76%)
- Yellow (37%)
- Black (45%)



- Cyan (45%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C2258 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 8C2258 by changing the saturation by 10% instead.

 8C2258

 8C2258

FFFFFF

 700041

 C5598A

 55002B

 E274A4

 3C0017

 FF8FBF

 1F0001

 FFAADB

 000000

 FFC6F8

 FFE3FF

 8C2258

 8C2258

 8C1451

 8C305F

 8C064A

 8C3E66

 8C0047

 8C4C6D

 8C5A73

 8C687A

 8C7681

 8C8488

 8C928F

 8CA096

Harmonies

Analogous

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



72337C



8C2258



8F2532

Triad

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



8C2258



425400



005C8A

Complementary

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



8C2258



228C56

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.



005E6A



8C2258



005A1A

Square

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



8C2258



664800



005E42



00559A

Rectangle

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



8C2258



87311A



005E42



005D81

Sweetspot

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



8C2258



B58BA1



55228C



5C424F



DBDBDB



5C5C5C

Same Dimension

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



8C2258



B51064



8C2224



453E41



850044



050003

Inverse Universe

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



8C2258



B51064



228C8A



453E41



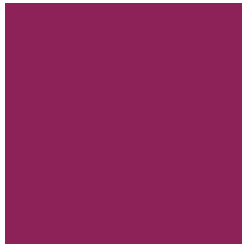
850044



050003

Previews

White Background



This preview shows how the Hex color 8C2258 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

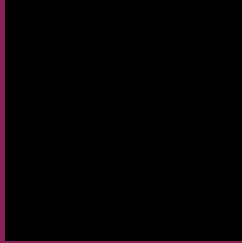
Any Text WCAG AA × Fail

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 8C2258 Background



This preview shows how black text looks on a background with the Hex color 8C2258.



This preview shows how white text looks on a background with the Hex color 8C2258.

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
892D30

Trichromacy



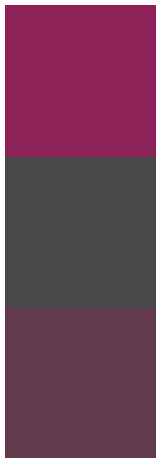
Original Color
8C2258

Protanomaly
5C3D6A

Deuteranomaly
683D55

Tritanomaly
8A293F

Monochromacy



Original Color
8C2258

Achromatopsia
484848

Achromatomaly
613A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C2258 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 #8C2258 looks like.

```
.text, #text, p{  
    color:#8C2258  
}
```

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 #8C2258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C2258
}
```

Border

The CSS property to change the border of an element to Hex 8C2258 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
#8C2258 }
```

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

```
.border{ border-color:#8C2258 }
```

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

Here you see how a box with a 4 pixel #8C2258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C2258; -webkit-box-shadow:4px 4px  
4px 4px #8C2258; box-shadow:4px 4px 4px  
4px #8C2258 }
```

Background

The CSS property to change the background color of an element to Hex 8C2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C2258 }
```

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

```
.background{ background-color:#8C2258 }
```

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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