

Converting Colors

Hex(8B2167)

Have a look what the booklet for
Hex(8B2167) contains.

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Color

Hex(8B2167)

Conversions

Conversions Part 1

Format	Color
Hex	8B2167
RGB	139, 33, 103
RGB Percent	55%, 13%, 40%
CMY	0.4549, 0.8706, 0.5961
CMYK	0.00, 0.76, 0.26, 0.45
HSL	320°, 62%, 34%
HSV	320°, 76%, 55%
XYZ	13.6395, 7.5560, 13.5715
YIQ	72.6740, 40.7060, 44.2420

Conversions

Conversions Part 2

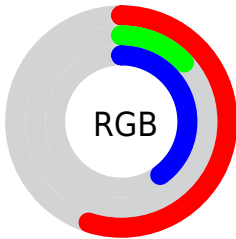
Format	Color
R_{YB}	139, 33, 103
Decimal	9118055
CIE _{Lab}	33.04, 50.39, -15.35
CIE _{LCh}	33, 52.678, 343.056
Yxy	7.5560, 0.3923, 0.2173
Android (android.graphics.Color)	4287308135 (0xFF8B2167)
YUV	72.6740, 14.9507, 58.1679
Hunter-Lab	27.4881, 40.4669, -10.0312

Details

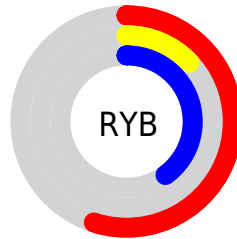
The Hex color **8B2167** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **218B45**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **C4599A**, and **550038** is the 20% darker color. If you saturate the color by 10%, you get **8B1362**, and if you desaturate by 10%, it is **8B2F6C**.

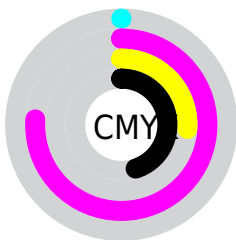
Distribution



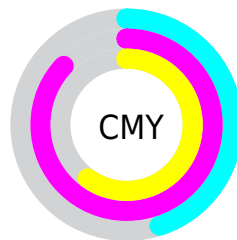
- Red (55%)
- Green (13%)
- Blue (40%)



- Red (55%)
- Yellow (13%)
- Blue (40%)



- Cyan (0%)
- Magenta (76%)
- Yellow (26%)
- Black (45%)



- Cyan (45%)
- Magenta (87%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B2167 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 8B2167 by changing the saturation by 10% instead.

 8B2167

 8B2167

FFFFFF

 70004F

 C4599A

 550038

 E173B5

 3C0022

 FE8ED1

 210009

 FFAAED

 000000

 FFC6FF

 FFE3FF

 8B2167

 8B2167

 8B1362

 8B2F6C

 8B055E

 8B3D70

 8B005C

 8B4B75

 8B597A

 8B667F

 8B7483

 8B8288

 8B908D

 8B9E91

Harmonies

Analogous

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



65398B



8B2167



961A3E

Triad

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



8B2167



4F5200



005F86

Complementary

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



8B2167



218B45

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.



00605F



8B2167



1A5A03

Square

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



8B2167



724300



005E34



00599E

Rectangle

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



8B2167



912623



005E34



005F7A

Sweetspot

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



8B2167



B58BA7



44218B



5C4253



DBDBDB



5C5C5C

Same Dimension

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



8B2167



B50E7C



8B2133



453E43



850058



050003

Inverse Universe

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



8B2167



B50E7C



218B79



453E43



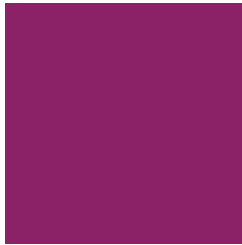
850058



050003

Previews

White Background



This preview shows how the Hex color 8B2167 looks on a white background.

Color Contrast Check

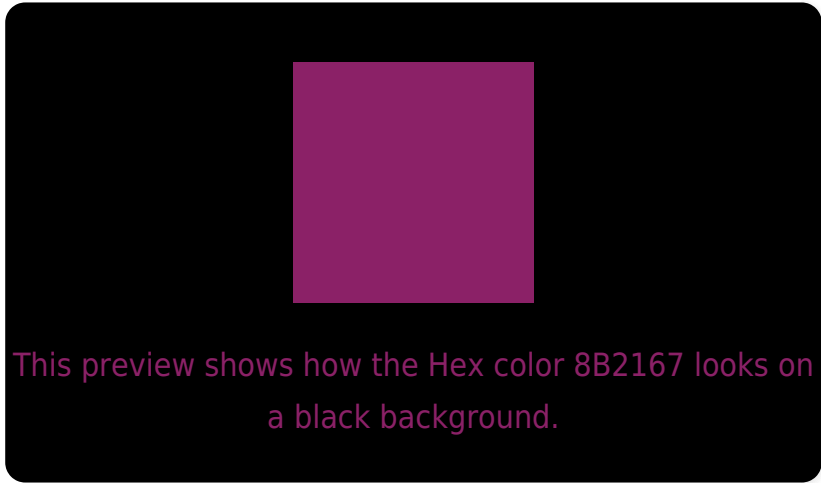
Large Text (above 18pt) WCAG AA ✓ Pass

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

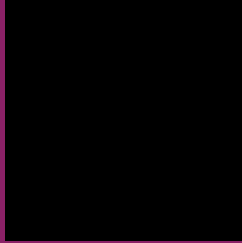
Any Text WCAG AA × Fail

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 8B2167 Background



This preview shows how black text looks on a background with the Hex color 8B2167.

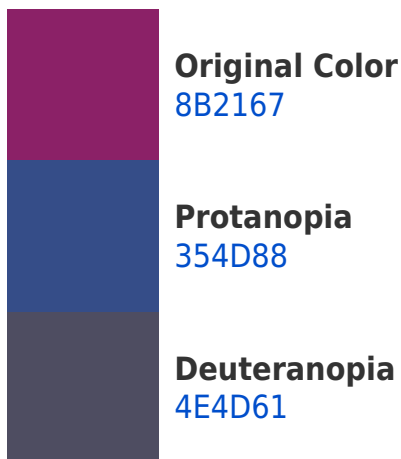



This preview shows how white text looks on a background with the Hex color 8B2167.

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
873134

Trichromacy



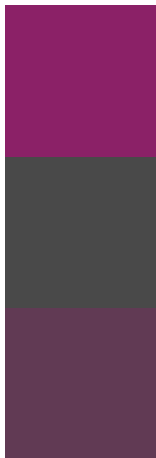
Original Color
8B2167

Protanomaly
543D7C

Deuteranomaly
643D63

Tritanomaly
882B47

Monochromacy



Original Color
8B2167

Achromatopsia
494949

Achromatomaly
613A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B2167 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 #8B2167 looks like.

```
.text, #text, p{  
    color:#8B2167  
}
```

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 #8B2167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B2167
}
```

Border

The CSS property to change the border of an element to Hex 8B2167 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
#8B2167 }
```

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

```
.border{ border-color:#8B2167 }
```

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

Here you see how a box with a 4 pixel #8B2167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B2167; -webkit-box-shadow:4px 4px  
4px 4px #8B2167; box-shadow:4px 4px 4px  
4px #8B2167 }
```

Background

The CSS property to change the background color of an element to Hex 8B2167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B2167 }
```

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

```
.background{ background-color:#8B2167 }
```

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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