

Converting Colors

Hex(8B222D)

Have a look what the booklet for
Hex(8B222D) contains.

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Color

Hex(8B222D)

Conversions

Conversions Part 1

Format	Color
Hex	8B222D
RGB	139, 34, 45
RGB Percent	55%, 13%, 18%
CMY	0.4549, 0.8667, 0.8235
CMYK	0.00, 0.76, 0.68, 0.45
HSL	354°, 61%, 34%
HSV	354°, 76%, 55%
XYZ	11.6931, 6.8225, 3.1832
YIQ	66.6490, 59.0490, 25.6810

Conversions

Conversions Part 2

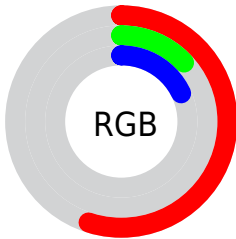
Format	Color
R_{YB}	139, 34, 45
Decimal	9118253
CIE _{Lab}	31.40, 44.37, 20.11
CIE _{LCh}	31, 48.714, 24.383
Yxy	6.8225, 0.5389, 0.3144
Android (android.graphics.Color)	4287308333 (0xFF8B222D)
YUV	66.6490, -10.6730, 63.4518
Hunter-Lab	26.1199, 34.1997, 11.0583

Details

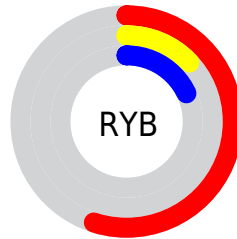
The Hex color **8B222D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **228B80**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **C6575B**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8B1421**, and if you desaturate by 10%, it is **8B3039**.

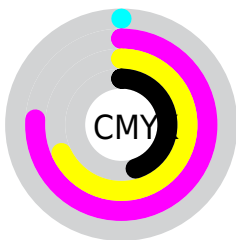
Distribution



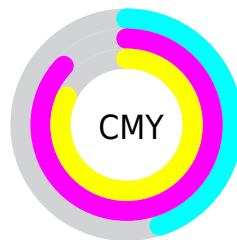
- Red (55%)
- Green (13%)
- Blue (18%)



- Red (55%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (68%)
- Black (45%)



- Cyan (45%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B222D 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 8B222D by changing the saturation by 10% instead.

 8B222D

 8B222D

FFFFFF

 6E0018

 C6575B

 520000

 E47273

 380001

 FF8D8D

 110000

 FFA8A7

 000000

 FFC4C2

 FFE1DE

 FFFEFB

 8B222D

 8B222D

 8B1421

 8B3039

 8B0614

 8B3E46

 8B000F

 8B4C52

 8B5A5F

 8B686B

 8B7578

 8B8384

 8B9191

 8B9F9D

Harmonies

Analogous

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



891D53



8B222D



7C3507

Triad

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



8B222D



005719



005196

Complementary

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



8B222D



228B80

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.



005888



8B222D



005A41

Square

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



8B222D



3C5100



005B68



374390

Rectangle

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



8B222D



6B4100



005B68



005494

Sweetspot

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



8B222D



B58B90



7F228B



5C4245



DBDBDB



5C5C5C

Same Dimension

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



8B222D



B51022



8B4A22



453E3F



85000E



050001

Inverse Universe

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



8B222D



B51022



22638B



453E3F



85000E



050001

Previews

White Background



This preview shows how the Hex color 8B222D looks on a white background.

Color Contrast Check

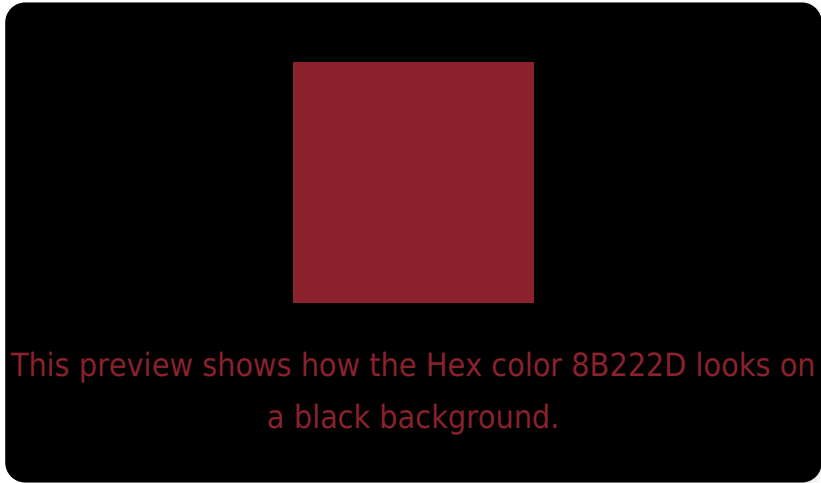
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B222D Background



This preview shows how black text looks on a background with the Hex color 8B222D.

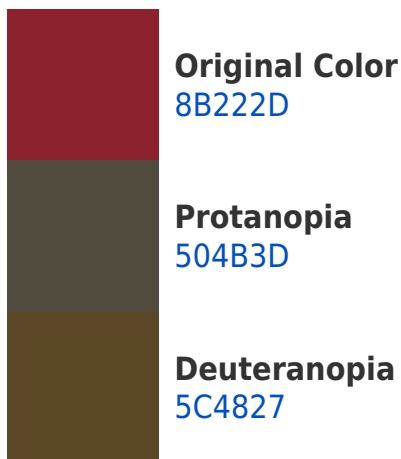


This preview shows how white text looks on a background with the Hex color 8B222D.

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
8B2425

Trichromacy



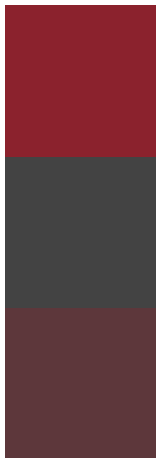
Original Color
8B222D

Protanomaly
653C37

Deuteranomaly
6D3A29

Tritanomaly
8B2328

Monochromacy



Original Color
8B222D

Achromatopsia
434343

Achromatomaly
5D373B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B222D 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 #8B222D looks like.

```
.text, #text, p{  
    color:#8B222D  
}
```

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 #8B222D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B222D
}
```

Border

The CSS property to change the border of an element to Hex 8B222D is called "border". The border property can be set on classes, ids or directly on the HTML element.

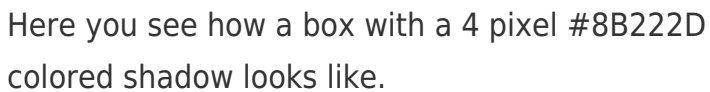
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B222D }
```

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

```
.border{ border-color:#8B222D }
```

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



Here you see how a box with a 4 pixel #8B222D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B222D; -webkit-box-shadow:4px 4px  
4px 4px #8B222D; box-shadow:4px 4px 4px  
4px #8B222D }
```

Background

The CSS property to change the background color of an element to Hex 8B222D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B222D }
```

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

```
.background{ background-color:#8B222D }
```

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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