

Converting Colors

Hex(802121)

Have a look what the booklet for
Hex(802121) contains.

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Color

Hex(802121)

Conversions

Conversions Part 1

Format	Color
Hex	802121
RGB	128, 33, 33
RGB Percent	50%, 13%, 13%
CMY	0.4980, 0.8706, 0.8706
CMYK	0.00, 0.74, 0.74, 0.50
HSL	0°, 59%, 32%
HSV	0°, 74%, 50%
XYZ	9.7205, 5.7867, 2.0435
YIQ	61.4050, 56.6200, 20.1400

Conversions

Conversions Part 2

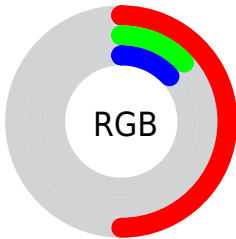
Format	Color
R_{YB}	128, 33, 33
Decimal	8397089
CIE _{Lab}	28.87, 40.43, 24.21
CIE _{LCh}	29, 47.121, 30.915
Yxy	5.7867, 0.5539, 0.3297
Android (android.graphics.Color)	4286587169 (0xFF802121)
YUV	61.4050, -14.0037, 58.4038
Hunter-Lab	24.0556, 30.0316, 11.8024

Details

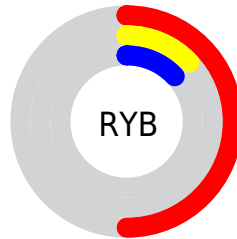
The Hex color **802121** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **218080**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BA554D**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **801414**, and if you desaturate by 10%, it is **802E2E**.

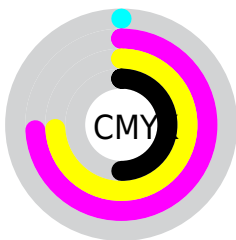
Distribution



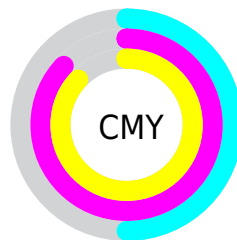
- Red (50%)
- Green (13%)
- Blue (13%)



- Red (50%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (74%)
- Yellow (74%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802121 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 802121 by changing the saturation by 10% instead.

 802121

 802121

FFFFFF

 64000C

 BA554D

 480000

 D86F65

 2F0002

 F7897F

 000000

 FFA498

 FFC0B3

 FFDDCF

 FFFAEB

 802121

 802121

 801414

 802E2E

 800707

 803B3B

 800000

 804747

 805454

 806161

 806E6E

 807B7B

 808787

 809494

Harmonies

Analogous

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



821745



802121



6E3400

Triad

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



802121



00521E



00488E

Complementary

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



802121



218080

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.



005184



802121



005444

Square

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



802121



2E4C00



005469



423A83

Rectangle

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



802121



5D3F00



005469



004C8D

Sweetspot

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



802121



A68181



802180



543E3E



D4D4D4



545454

Same Dimension

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



802121



A61212



805121



403939



800000



000000

Inverse Universe

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



218080



12A6A6



215180



394040



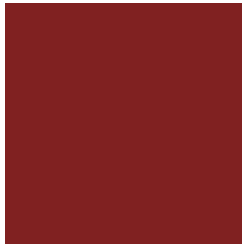
008080



000000

Previews

White Background



This preview shows how the Hex color 802121 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 802121 Background



This preview shows how black text looks on a background with the Hex color 802121.

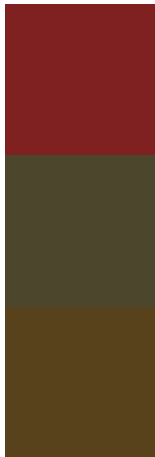


This preview shows how white text looks on a background with the Hex color 802121.

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



Original Color
802121

Protanopia
4C462D

Deuteranopia
57421B

Trichromacy



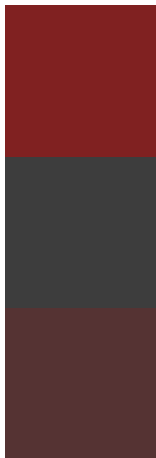
Original Color
802121

Protanomaly
5F3929

Deuteranomaly
66361D

Tritanomaly
802122

Monochromacy



Original Color
802121

Achromatopsia
3D3D3D

Achromatomaly
553333

CSS Examples

Text

The CSS property to change the color of the text to Hex 802121 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 #802121 looks like.

```
.text, #text, p{  
    color:#802121  
}
```

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 #802121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802121
}
```

Border

The CSS property to change the border of an element to Hex 802121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

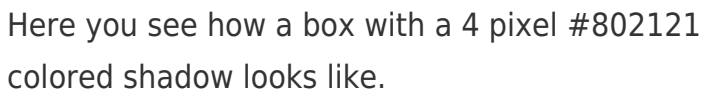
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802121 }
```

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

```
.border{ border-color:#802121 }
```

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



Here you see how a box with a 4 pixel #802121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802121; -webkit-box-shadow:4px 4px  
4px 4px #802121; box-shadow:4px 4px 4px  
4px #802121 }
```

Background

The CSS property to change the background color of an element to Hex 802121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802121 }
```

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

```
.background{ background-color:#802121 }
```

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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