

Converting Colors

Hex(820A20)

Have a look what the booklet for
Hex(820A20) contains.

Hex(820A20)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(820A20)

Conversions

Conversions Part 1

Format	Color
Hex	820A20
RGB	130, 10, 32
RGB Percent	51%, 4%, 13%
CMY	0.4902, 0.9608, 0.8745
CMYK	0.00, 0.92, 0.75, 0.49
HSL	349°, 86%, 27%
HSV	349°, 92%, 51%
XYZ	9.5752, 5.0672, 1.8399
YIQ	48.3880, 64.4580, 32.2820

Conversions

Conversions Part 2

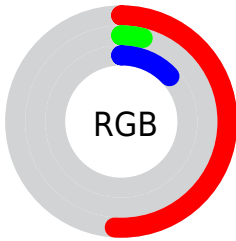
Format	Color
R _Y B	130, 10, 32
Decimal	8522272
CIE Lab	26.93, 47.63, 22.69
CIE LCh	27, 52.756, 25.470
Yxy	5.0672, 0.5809, 0.3074
Android (android.graphics.Color)	4286712352 (0xFF820A20)
YUV	48.3880, -8.0793, 71.5737
Hunter-Lab	22.5104, 36.5346, 10.9112

Details

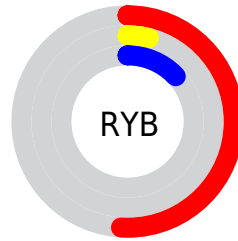
The Hex color **820A20** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **0A826C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **BD484C**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **820018**, and if you desaturate by 10%, it is **82172B**.

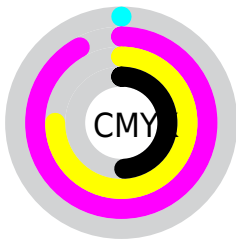
Distribution



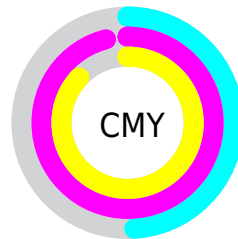
- Red (51%)
- Green (4%)
- Blue (13%)



- Red (51%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (92%)
- Yellow (75%)
- Black (49%)



- Cyan (49%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 820A20 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 820A20 by changing the saturation by 10% instead.

 820A20

 820A20

FFFFFF

 65000A

 BD484C

 480000

 DC6264

 2E0002

 FA7D7D

 000000

 FF9897

 FFB4B1

 FFD1CD

 FFEEEE9

 820A20

 820A20

■ 820018

■ 82172B

■ 822435

■ 823140

■ 823E4A

■ 824B55

■ 825860

■ 82656A

■ 827275

■ 827F80

Harmonies

Analogous

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



810048



820A20



712900

Triad

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



820A20



004D0B



004791

Complementary

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



820A20



0A826C

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.



004E82



820A20



005038

Square

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



820A20



2E4700



005061



28388A

Rectangle

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



820A20



5F3700



005061



004A8F

Sweetspot

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



820A20



A87982



6C0A82



54383D



D4D4D4



545454

Same Dimension

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



820A20



A8001F



82300A



40393B



800017



000000

Inverse Universe

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



820A20



A8001F



0A5C82



40393B



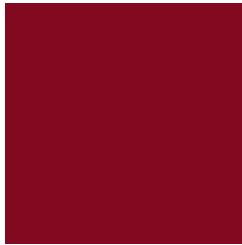
800017



000000

Previews

White Background



This preview shows how the Hex color 820A20 looks on a white background.

Color Contrast Check

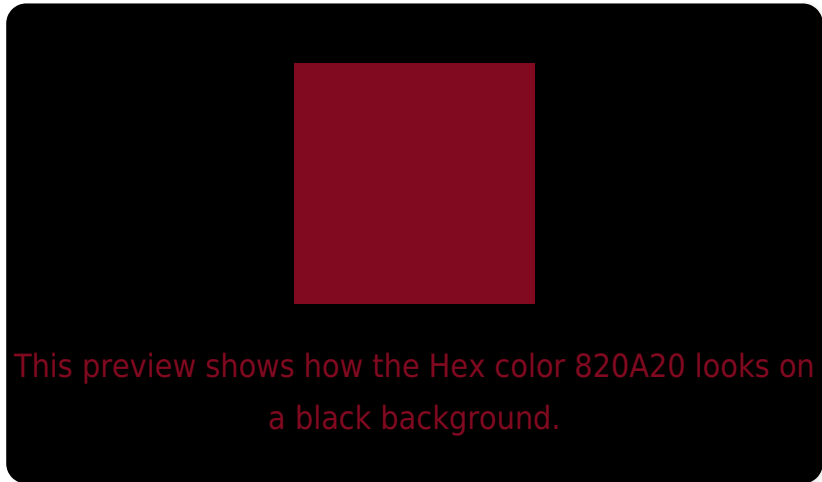
Large Text (above 18pt) WCAG AA ✓ Pass

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 820A20 Background



This preview shows how black text looks on a background with the Hex color 820A20.



This preview shows how white text looks on a background with the Hex color 820A20.

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
820A20

Protanopia
474230

Deuteranopia
533F19

Trichromacy



Original Color
820A20

Protanomaly
5C2E2A

Deuteranomaly
642C1C

Tritanomaly
820E14

Monochromacy



Original Color
820A20

Achromatopsia
303030

Achromatomaly
4E222A

CSS Examples

Text

The CSS property to change the color of the text to Hex 820A20 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 #820A20 looks like.

```
.text, #text, p{  
    color:#820A20  
}
```

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 #820A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #820A20
}
```

Border

The CSS property to change the border of an element to Hex 820A20 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
#820A20 }
```

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

```
.border{ border-color:#820A20 }
```

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

Here you see how a box with a 4 pixel #820A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #820A20; -webkit-box-shadow:4px 4px  
4px 4px #820A20; box-shadow:4px 4px 4px  
4px #820A20 }
```

Background

The CSS property to change the background color of an element to Hex 820A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#820A20 }
```

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

```
.background{ background-color:#820A20 }
```

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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