

Converting Colors

Hex(802020)

Have a look what the booklet for
Hex(802020) contains.

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Color

Hex(802020)

Conversions

Conversions Part 1

Format	Color
Hex	802020
RGB	128, 32, 32
RGB Percent	50%, 13%, 13%
CMY	0.4980, 0.8745, 0.8745
CMYK	0.00, 0.75, 0.75, 0.50
HSL	0°, 60%, 31%
HSV	0°, 75%, 50%
XYZ	9.6793, 5.7265, 1.9617
YIQ	60.7040, 57.2160, 20.3520

Conversions

Conversions Part 2

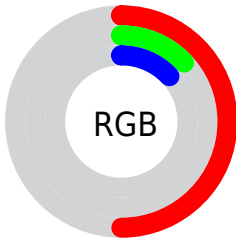
Format	Color
R_{YB}	128, 32, 32
Decimal	8396832
CIE _{Lab}	28.71, 40.77, 24.66
CIE _{LCh}	29, 47.646, 31.167
Yxy	5.7265, 0.5573, 0.3297
Android (android.graphics.Color)	4286586912 (0xFF802020)
YUV	60.7040, -14.1511, 59.0186
Hunter-Lab	23.9301, 30.3224, 11.8908

Details

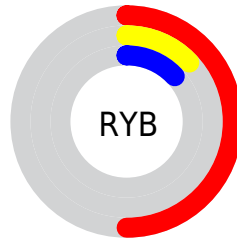
The Hex color **802020** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **208080**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **BA544C**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **801313**, and if you desaturate by 10%, it is **802D2D**.

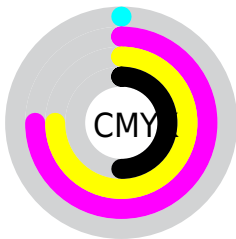
Distribution



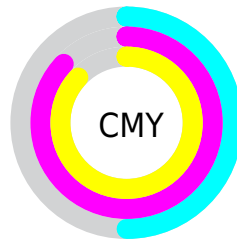
- Red (50%)
- Green (13%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (75%)
- Yellow (75%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 802020 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 802020 by changing the saturation by 10% instead.

 802020

 802020

FFFFFF

 64000A

 BA544C

 470000

 D86E64

 2E0002

 F7887D

 000000

 FFA497

 FFBFB2

 FFDCCE

 FFF9EA

 802020

 802020

 801313

 802D2D

 800606

 803A3A

 800000

 804646

 805353

 806060

 806D6D

 807A7A

 808686

 809393

Harmonies

Analogous

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



821544



802020



6E3300

Triad

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



802020



00511D



00488E

Complementary

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



802020



208080

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.



005084



802020



005444

Square

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



802020



2D4C00



005369



423983

Rectangle

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



802020



5D3E00



005369



004B8D

Sweetspot

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



802020



A68080



802080



543D3D



D4D4D4



545454

Same Dimension

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



802020



A61111



805020



403939



800000



000000

Inverse Universe

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



208080



11A6A6



205080



394040



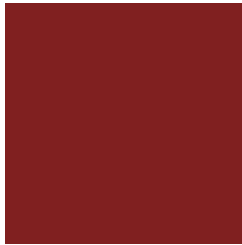
008080



000000

Previews

White Background



This preview shows how the Hex color 802020 looks on a white background.

Color Contrast Check

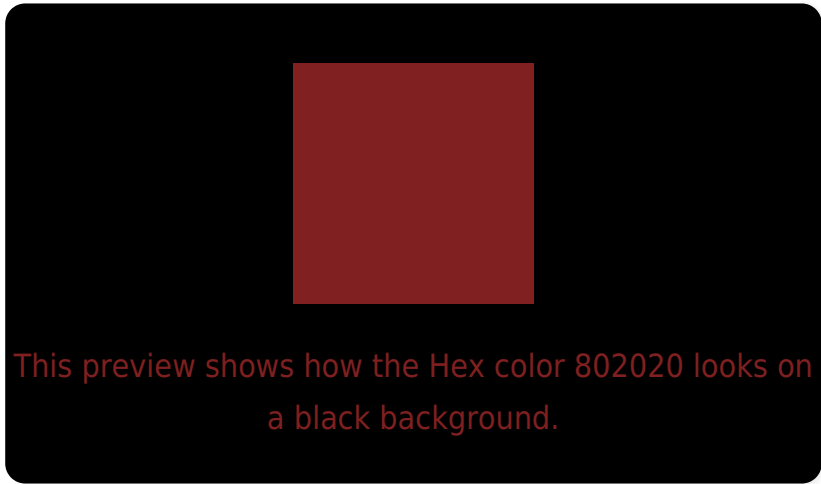
Large Text (above 18pt) WCAG AA ✓ Pass

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 802020 Background



This preview shows how black text looks on a background with the Hex color 802020.



This preview shows how white text looks on a background with the Hex color 802020.

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
802020

Protanopia
4B452C

Deuteranopia
56421A

Trichromacy



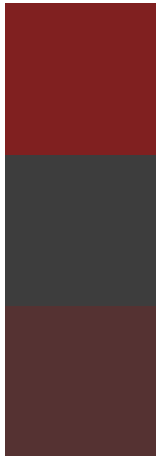
Original Color
802020

Protanomaly
5E3828

Deuteranomaly
65361C

Tritanomaly
802021

Monochromacy



Original Color
802020

Achromatopsia
3D3D3D

Achromatomaly
553232

CSS Examples

Text

The CSS property to change the color of the text to Hex 802020 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 #802020 looks like.

```
.text, #text, p{  
    color:#802020  
}
```

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 #802020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802020
}
```

Border

The CSS property to change the border of an element to Hex 802020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

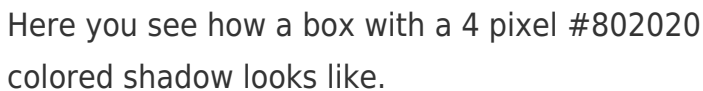
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802020 }
```

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

```
.border{ border-color:#802020 }
```

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



Here you see how a box with a 4 pixel #802020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802020; -webkit-box-shadow:4px 4px  
4px 4px #802020; box-shadow:4px 4px 4px  
4px #802020 }
```

Background

The CSS property to change the background color of an element to Hex 802020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802020 }
```

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

```
.background{ background-color:#802020 }
```

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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