

Converting Colors

Hex(802525)

Have a look what the booklet for
Hex(802525) contains.

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Color

Hex(802525)

Conversions

Conversions Part 1

Format	Color
Hex	802525
RGB	128, 37, 37
RGB Percent	50%, 15%, 15%
CMY	0.4980, 0.8549, 0.8549
CMYK	0.00, 0.71, 0.71, 0.50
HSL	0°, 55%, 32%
HSV	0°, 71%, 50%
XYZ	9.8976, 6.0459, 2.3956
YIQ	64.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

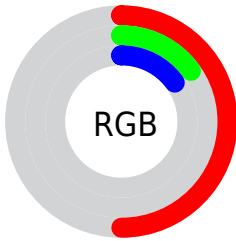
Format	Color
RYB	128, 37, 37
Decimal	8398117
CIELab	29.53, 38.99, 22.45
CIElCh	30, 44.996, 29.936
Yxy	6.0459, 0.5397, 0.3297
Android (android.graphics.Color)	4286588197 (0xFF802525)
YUV	64.2090, -13.4140, 55.9447
Hunter-Lab	24.5884, 28.8219, 11.4354

Details

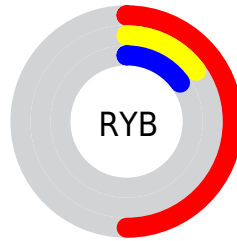
The Hex color **802525** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **258080**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **BA5852**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **801818**, and if you desaturate by 10%, it is **803232**.

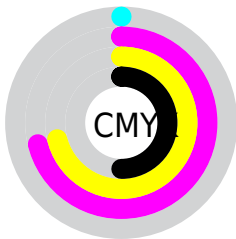
Distribution



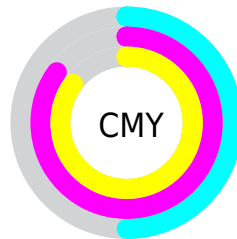
- Red (50%)
- Green (15%)
- Blue (15%)



- Red (50%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (71%)
- Yellow (71%)
- Black (50%)



- Cyan (50%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802525 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 802525 by changing the saturation by 10% instead.

 802525

 802525

FFFFFF

 640611

 BA5852

 480000

 D8726A

 300002

 F68C83

 000000

 FFA89D

 FFC3B8

 FFE0D4

 FFFDF0

 802525

 802525

 801818

 803232

 800B0B

 803F3F

 800000

 804B4B

 805858

 806565

 807272

 807F7F

 808B8B

 809898

Harmonies

Analogous

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



811E47



802525



703603

Triad

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



802525



005320



004A8C

Complementary

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



802525



258080

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.



005282



802525



005544

Square

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



802525



324D00



005568



423C83

Rectangle

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



802525



5F4000



005568



004D8B

Sweetspot

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



802525



A68383



802580



543F3F



D4D4D4



545454

Same Dimension

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



802525



A61919



805325



403939



800000



000000

Inverse Universe

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



258080



19A6A6



255380



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 802525 looks on a white background.

Color Contrast Check

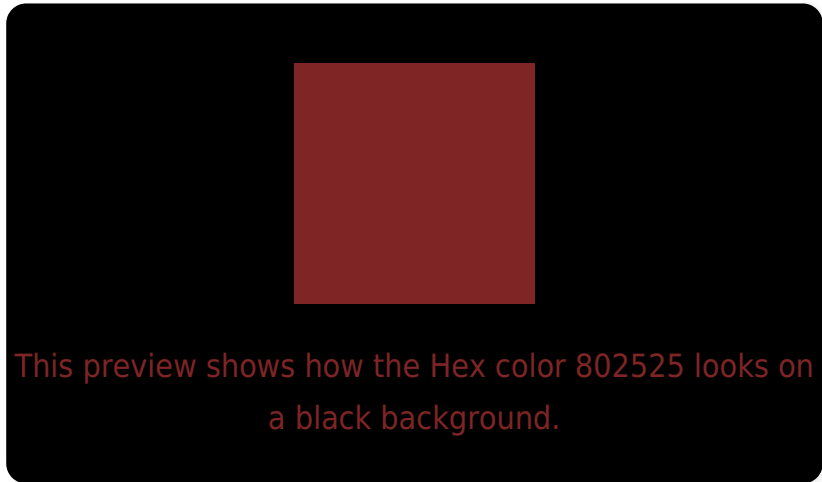
Large Text (above 18pt) WCAG AA ✓ Pass

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 802525 Background



This preview shows how black text looks on a background with the Hex color 802525.

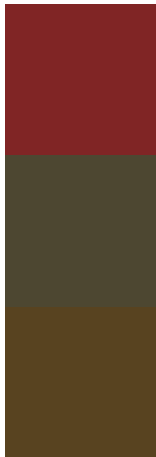


This preview shows how white text looks on a background with the Hex color 802525.

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
802525

Protanopia
4D4731

Deuteranopia
584320

Trichromacy



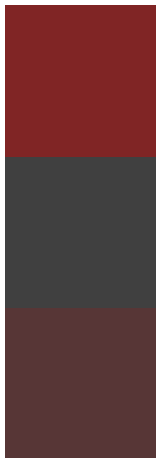
Original Color
802525

Protanomaly
603B2D

Deuteranomaly
673822

Tritanomaly
802526

Monochromacy



Original Color
802525

Achromatopsia
404040

Achromatomaly
573636

CSS Examples

Text

The CSS property to change the color of the text to Hex 802525 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 #802525 looks like.

```
.text, #text, p{  
    color:#802525  
}
```

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 #802525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802525
}
```

Border

The CSS property to change the border of an element to Hex 802525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

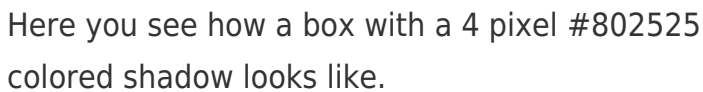
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802525 }
```

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

```
.border{ border-color:#802525 }
```

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



Here you see how a box with a 4 pixel #802525 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802525; -webkit-box-shadow:4px 4px  
4px 4px #802525; box-shadow:4px 4px 4px  
4px #802525 }
```

Background

The CSS property to change the background color of an element to Hex 802525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802525 }
```

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

```
.background{ background-color:#802525 }
```

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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