

Converting Colors

Hex(520B1B)

Have a look what the booklet for
Hex(520B1B) contains.

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Color

Hex(520B1B)

Conversions

Conversions Part 1

Format	Color
Hex	520B1B
RGB	82, 11, 27
RGB Percent	32%, 4%, 11%
CMY	0.6784, 0.9569, 0.8941
CMYK	0.00, 0.87, 0.67, 0.68
HSL	346°, 76%, 18%
HSV	346°, 87%, 32%
XYZ	3.7972, 2.1123, 1.2445
YIQ	34.0530, 37.1800, 20.0280

Conversions

Conversions Part 2

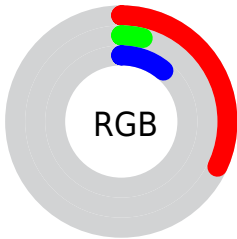
Format	Color
R_YB	82, 11, 27
Decimal	5376795
CIE Lab	16.07, 32.71, 10.23
CIE LCh	16, 34.275, 17.374
Yxy	2.1123, 0.5308, 0.2953
Android (android.graphics.Color)	4283566875 (0xFF520B1B)
YUV	34.0530, -3.4771, 42.0495
Hunter-Lab	14.5338, 21.2017, 5.0968

Details

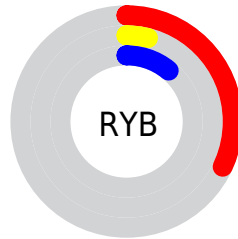
The Hex color **520B1B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B5242**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **883D46**, and **1D0001** is the 20% darker color. If you saturate the color by 10%, you get **520315**, and if you desaturate by 10%, it is **521321**.

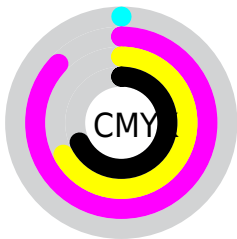
Distribution



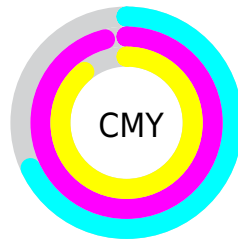
- Red (32%)
- Green (4%)
- Blue (11%)



- Red (32%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (87%)
- Yellow (67%)
- Black (68%)



- Cyan (68%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 520B1B 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 520B1B by changing the saturation by 10% instead.

 520B1B

 520B1B

 FFF9FE

 390000

 883D46

 1D0001

 A4565D

 000000

 C06F76

 DD8990

 FBA4AA

 FFC0C5

 FFDCE1

 520B1B

 520B1B

■ 520315

■ 521321

■ 520012

■ 521B28

■ 52242E

■ 522C34

■ 52343B

■ 523C41

■ 524447

■ 524D4E

■ 525554

Harmonies

Analogous

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



4E0C33



520B1B



4B1700

Triad

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



520B1B



053000



002E58

Complementary

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



520B1B



0B5242

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.



00324C



520B1B



00321C

Square

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



520B1B



262B00



003336



062657

Rectangle

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



520B1B



411F00



003336



002F55

Sweetspot

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



520B1B



6B4F56



410B52



362529



B5B5B5



363636

Same Dimension

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



520B1B



6B0018



521E0B



292526



690018



E80034

Inverse Universe

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



520B1B



6B0018



0B3F52



292526



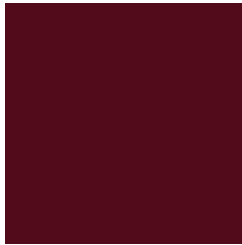
690018



E80034

Previews

White Background



This preview shows how the Hex color 520B1B looks on a white background.

Color Contrast Check

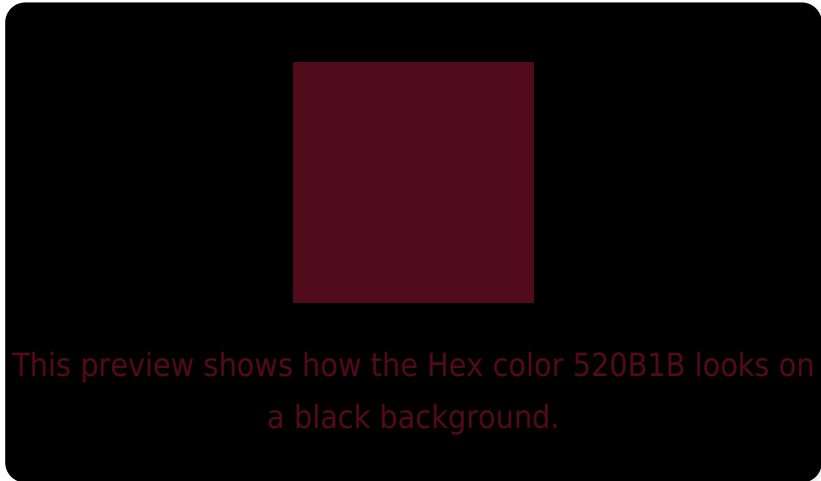
Large Text (above 18pt) WCAG AA ✓ Pass

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

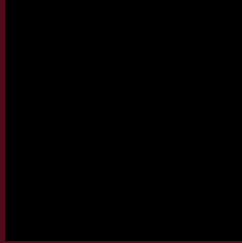
Any Text WCAG AA × Fail

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 520B1B Background



This preview shows how black text looks on a background with the Hex color 520B1B.



This preview shows how white text looks on a background with the Hex color 520B1B.

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

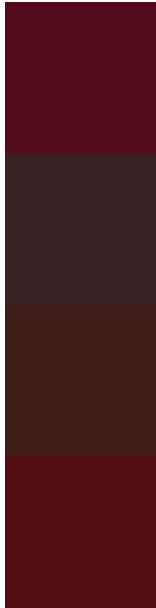


Original Color
520B1B

Protanopia
2C2A27

Deuteranopia
342917

Trichromacy



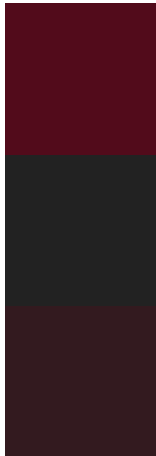
Original Color
520B1B

Protanomaly
3A1F23

Deuteranomaly
3F1E18

Tritanomaly
520D13

Monochromacy



Original Color
520B1B

Achromatopsia
222222

Achromatomaly
331A1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 520B1B 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 #520B1B looks like.

```
.text, #text, p{  
    color:#520B1B  
}
```

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 #520B1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520B1B
}
```

Border

The CSS property to change the border of an element to Hex 520B1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

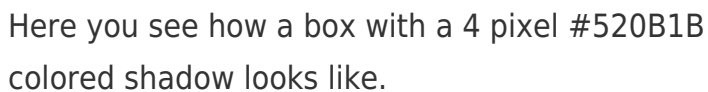
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#520B1B }
```

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

```
.border{ border-color:#520B1B }
```

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



Here you see how a box with a 4 pixel #520B1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520B1B; -webkit-box-shadow:4px 4px  
4px 4px #520B1B; box-shadow:4px 4px 4px  
4px #520B1B }
```

Background

The CSS property to change the background color of an element to Hex 520B1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520B1B }
```

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

```
.background{ background-color:#520B1B }
```

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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