

Converting Colors

Hex(522121)

Have a look what the booklet for
Hex(522121) contains.

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Color

Hex(522121)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 522121 |
| RGB | 82, 33, 33 |
| RGB Percent | 32%, 13%, 13% |
| CMY | 0.6784, 0.8706, 0.8706 |
| CMYK | 0.00, 0.60, 0.60, 0.68 |
| HSL | 0°, 43%, 23% |
| HSV | 0°, 60%, 32% |
| XYZ | 4.2980, 2.9914, 1.7897 |
| YIQ | 47.6510, 29.2040, 10.3880 |

Conversions

Conversions Part 2

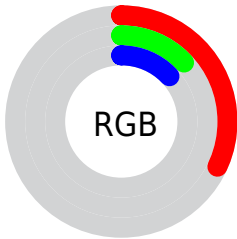
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 82, 33, 33 |
| Decimal | 5382433 |
| CIELab | 20.01, 22.92, 11.23 |
| CIELCh | 20, 25.527, 26.108 |
| Yxy | 2.9914, 0.4734, 0.3295 |
| Android (android.graphics.Color) | 4283572513 (0xFF522121) |
| YUV | 47.6510, -7.2229, 30.1241 |
| Hunter-Lab | 17.2955, 14.0911, 5.9717 |

Details

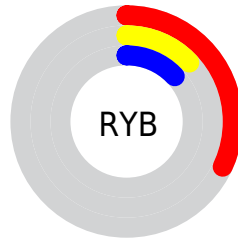
The Hex color **522121** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **215252**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **864F4D**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **521919**, and if you desaturate by 10%, it is **522929**.

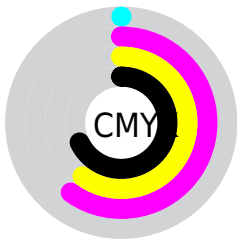
Distribution



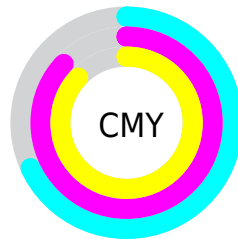
- Red (32%)
- Green (13%)
- Blue (13%)



- Red (32%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (68%)



- Cyan (68%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 522121 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 522121 by changing the saturation by 10% instead.

 522121

 522121

FFFFFF

 390A0B

 864F4D

 250001

 A26865

 000000

 BE817E

 DA9B98

 F7B6B3

 FFD2CE

 FFEFEA

 522121

 522121

■ 521919

■ 522929

■ 521111

■ 523131

■ 520808

■ 523A3A

■ 520000

■ 524242

■ 524A4A

■ 525252

■ 525A5A

■ 526363

■ 526B6B

Harmonies

Analogous

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



512034



522121



4A2711

Triad

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



522121



12381B



003356

Complementary

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



522121



215252

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.



00374F



522121



00392D

Square

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



522121



2A340C



003940



2D2C52

Rectangle

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



522121



422C09



003940



003554

Sweetspot

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



522121



6B5858



522152



362A2A



B5B5B5



363636

Same Dimension

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



522121



6B1E1E



523921



292525



690000



E80000

Inverse Universe

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



215252



1E6B6B



213952



252929



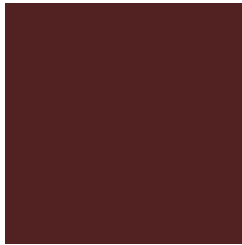
006969



00E8E8

Previews

White Background



This preview shows how the Hex color 522121 looks on a white background.

Color Contrast Check

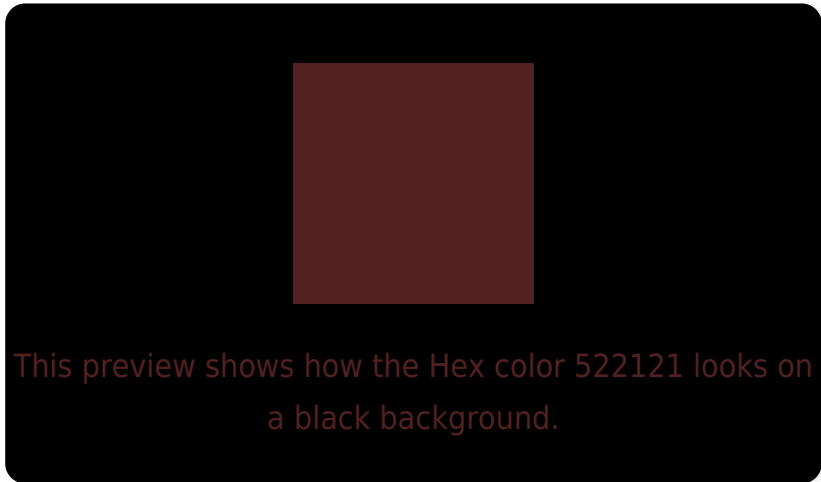
Large Text (above 18pt) WCAG AA ✓ Pass

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

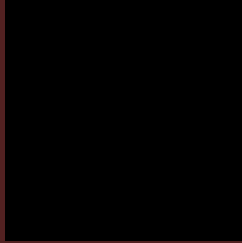
Any Text WCAG AA × Fail

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 522121 Background



This preview shows how black text looks on a background with the Hex color 522121.



This preview shows how white text looks on a background with the Hex color 522121.

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

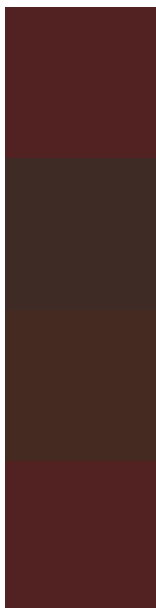


Original Color
522121

Protanopia
343128

Deuteranopia
3C2F1F

Trichromacy



Original Color

522121

Protanomaly

3F2B25

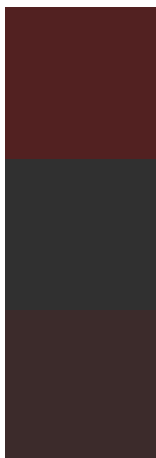
Deuteranomaly

442A20

Tritanomaly

522122

Monochromacy



Original Color

522121

Achromatopsia

303030

Achromatomaly

3C2B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 522121 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 #522121 looks like.

```
.text, #text, p{  
    color:#522121  
}
```

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 #522121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522121
}
```

Border

The CSS property to change the border of an element to Hex 522121 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".

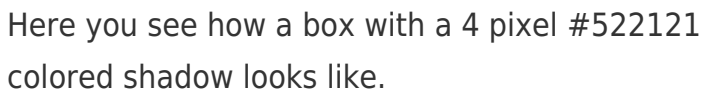
```
.border, #border, table{ border:4px solid
#522121 }
```

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

```
.border{ border-color:#522121 }
```

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

Here you see how a box with a 4 pixel #522121 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522121; -webkit-box-shadow:4px 4px  
4px 4px #522121; box-shadow:4px 4px 4px  
4px #522121 }
```

Background

The CSS property to change the background color of an element to Hex 522121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522121 }
```

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

```
.background{ background-color:#522121 }
```

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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