

Converting Colors

Hex(531B5B)

Have a look what the booklet for
Hex(531B5B) contains.

Hex(531B5B)	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(531B5B)

Conversions

Conversions Part 1

Format	Color
Hex	531B5B
RGB	83, 27, 91
RGB Percent	33%, 11%, 36%
CMY	0.6745, 0.8941, 0.6431
CMYK	0.09, 0.70, 0.00, 0.64
HSL	292°, 54%, 23%
HSV	292°, 70%, 36%
XYZ	5.8475, 3.3782, 10.2414
YIQ	51.0400, 12.8320, 31.7760

Conversions

Conversions Part 2

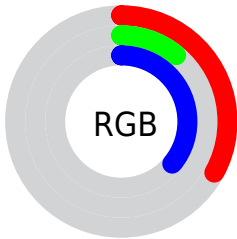
Format	Color
R_{YB}	83, 27, 91
Decimal	5446491
CIE _{Lab}	21.50, 35.75, -26.30
CIE _{LCh}	21, 44.385, 323.658
Yxy	3.3782, 0.3004, 0.1735
Android (android.graphics.Color)	4283636571 (0xFF531B5B)
YUV	51.0400, 19.7003, 28.0289
Hunter-Lab	18.3799, 24.6248, -20.1709

Details

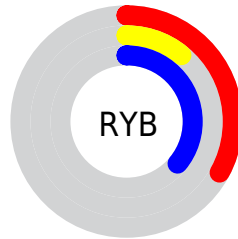
The Hex color **531B5B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **235B1B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **874C8E**, and **26002D** is the 20% darker color. If you saturate the color by 10%, you get **52125B**, and if you desaturate by 10%, it is **54245B**.

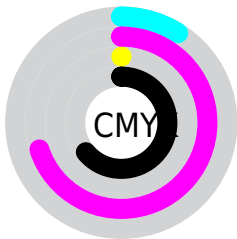
Distribution



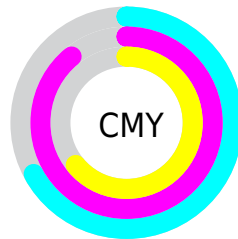
- Red (33%)
- Green (11%)
- Blue (36%)



- Red (33%)
- Yellow (11%)
- Blue (36%)



- Cyan (9%)
- Magenta (70%)
- Yellow (0%)
- Black (64%)



- Cyan (67%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 531B5B 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 531B5B by changing the saturation by 10% instead.

 531B5B

 531B5B


FFFFFF

 3A0143

 874C8E

 26002D

 A265A8

 000117

 BD7EC4

 000000

 DA99E0

 F6B4FC

 FFD0FF

 FFECFF

 531B5B

 531B5B

■ 52125B

■ 54245B

■ 51095B

■ 552D5B

■ 50005B

■ 56365B

■ 583F5B

■ 59495B

■ 5A525B

■ 5B5B5B

■ 5C645B

■ 5D6D5B

Harmonies

Analogous

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



1B2E70



531B5B



69043C

Triad

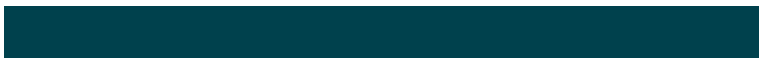
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



531B5B



463000



00414D

Complementary

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



531B5B



235B1B

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.



00412B



531B5B



283900

Square

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



531B5B



5E2000



003F06



004068

Rectangle

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



531B5B



6C0326



003F06



004142

Sweetspot

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



531B5B



725D75



1B245B



392C3B



BABABA



3B3B3B

Same Dimension

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



531B5B



691375



5B1B44



2D292E



60006E



D000ED

Inverse Universe

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



5B1B23



75131F



1B5B32



2E292A



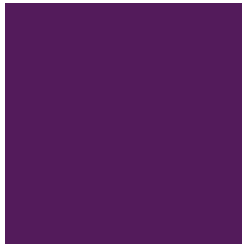
6E000E



ED001E

Previews

White Background



This preview shows how the Hex color 531B5B looks on a white background.

Color Contrast Check

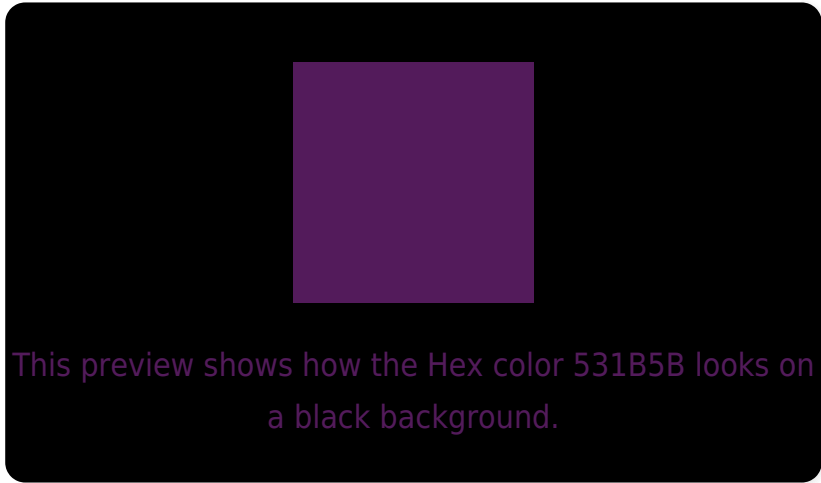
Large Text (above 18pt) WCAG AA ✓ Pass

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

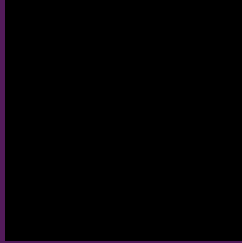
Any Text WCAG AA × Fail

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 531B5B Background



This preview shows how black text looks on a background with the Hex color 531B5B.



This preview shows how white text looks on a background with the Hex color 531B5B.

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
531B5B

Protanopia
00336C

Deuteranopia
1F3557



Tritanopia
4D2A2D

Trichromacy



Original Color
531B5B

Protanomaly
1E2A66

Deuteranomaly
322C58

Tritanomaly
4F253E

Monochromacy



Original Color
531B5B

Achromatopsia
333333

Achromatomaly
3F2A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 531B5B 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 #531B5B looks like.

```
.text, #text, p{  
    color:#531B5B  
}
```

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 #531B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #531B5B
}
```

Border

The CSS property to change the border of an element to Hex 531B5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

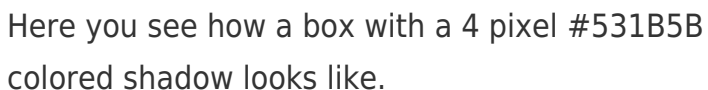
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#531B5B }
```

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

```
.border{ border-color:#531B5B }
```

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



Here you see how a box with a 4 pixel #531B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #531B5B; -webkit-box-shadow:4px 4px  
4px 4px #531B5B; box-shadow:4px 4px 4px  
4px #531B5B }
```

Background

The CSS property to change the background color of an element to Hex 531B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#531B5B }
```

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

```
.background{ background-color:#531B5B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor