

Converting Colors

Hex(511433)

Have a look what the booklet for
Hex(511433) contains.

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Color

Hex(511433)

Conversions

Conversions Part 1

Format	Color
Hex	511433
RGB	81, 20, 51
RGB Percent	32%, 8%, 20%
CMY	0.6824, 0.9216, 0.8000
CMYK	0.00, 0.75, 0.37, 0.68
HSL	330°, 60%, 20%
HSV	330°, 75%, 32%
XYZ	4.2410, 2.4887, 3.3888
YIQ	41.7730, 26.4050, 22.5730

Conversions

Conversions Part 2

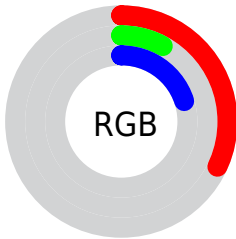
Format	Color
RYB	81, 20, 51
Decimal	5313587
CIELab	17.87, 31.36, -4.52
CIELCh	18, 31.688, 351.801
Yxy	2.4887, 0.4191, 0.2460
Android (android.graphics.Color)	4283503667 (0xFF511433)
YUV	41.7730, 4.5489, 34.4021
Hunter-Lab	15.7755, 20.3803, -1.6935

Details

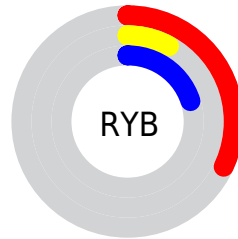
The Hex color **511433** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **145132**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **854461**, and **240003** is the 20% darker color. If you saturate the color by 10%, you get **510C2F**, and if you desaturate by 10%, it is **511C37**.

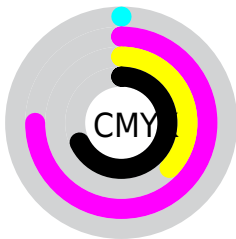
Distribution



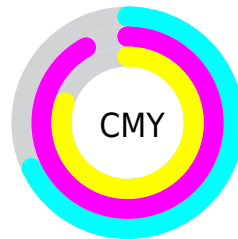
- Red (32%)
- Green (8%)
- Blue (20%)



- Red (32%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (75%)
- Yellow (37%)
- Black (68%)



- Cyan (68%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 511433 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 511433 by changing the saturation by 10% instead.

■ 511433

■ 511433

FFFFFF

■ 38001E

■ 854461

■ 240003

■ A05D7A

■ 000000

■ BC7694

■ D890AE

■ F5ABCA

■ FFC7E6

■ FFE3FF

■ 511433

■ 511433

■ 510C2F

■ 511C37

■ 51042B

■ 51243B

■ 510029

■ 512C3F

■ 513443

■ 513D47

■ 51454B

■ 514D4F

■ 515553

■ 515D57

Harmonies

Analogous

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



411D48



511433



54151C

Triad

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



511433



282F00



00354F

Complementary

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



511433



145132

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.



00363C



511433



05340D

Square

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



511433



3C2800



003624



003059

Rectangle

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



511433



4F1B0D



003624



00354A

Sweetspot

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



511433



69515D



311451



36272E



B5B5B5



363636

Same Dimension

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



511433



690A3A



511415



292527



690035



E80076

Inverse Universe

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



511433



690A3A



145150



292527



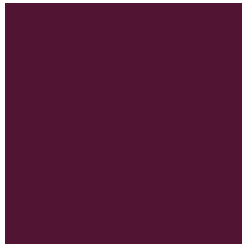
690035



E80076

Previews

White Background



This preview shows how the Hex color 511433 looks on a white background.

Color Contrast Check

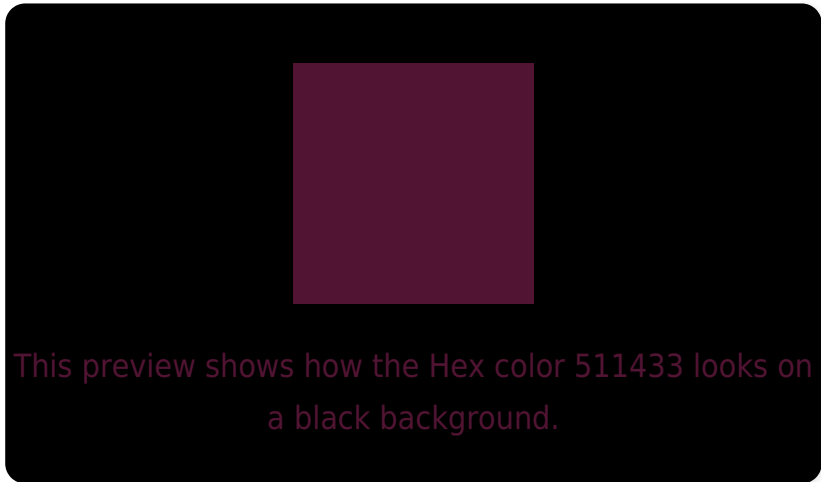
Large Text (above 18pt) WCAG AA ✓ Pass

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

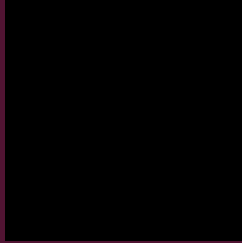
Any Text WCAG AA × Fail

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 511433 Background



This preview shows how black text looks on a background with the Hex color 511433.



This preview shows how white text looks on a background with the Hex color 511433.

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
511433

Protanopia
262D43

Deuteranopia
312C30



Tritanopia
4F1B1C

Trichromacy



Original Color
511433

Protanomaly
36243D

Deuteranomaly
3D2331

Tritanomaly
501824

Monochromacy



Original Color
511433

Achromatopsia
2A2A2A

Achromatomaly
38222D

CSS Examples

Text

The CSS property to change the color of the text to Hex 511433 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 #511433 looks like.

```
.text, #text, p{  
    color:#511433  
}
```

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 #511433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #511433  
}
```

Border

The CSS property to change the border of an element to Hex 511433 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  
#511433 }
```

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

```
.border{ border-color:#511433 }
```

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

Here you see how a box with a 4 pixel #511433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #511433; -webkit-box-shadow:4px 4px  
4px 4px #511433; box-shadow:4px 4px 4px  
4px #511433 }
```

Background

The CSS property to change the background color of an element to Hex 511433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#511433 }
```

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

```
.background{ background-color:#511433 }
```

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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