

Converting Colors

Hex(491553)

Have a look what the booklet for
Hex(491553) contains.

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Color

Hex(491553)

Conversions

Conversions Part 1

Format	Color
Hex	491553
RGB	73, 21, 83
RGB Percent	29%, 8%, 33%
CMY	0.7137, 0.9176, 0.6745
CMYK	0.12, 0.75, 0.00, 0.67
HSL	290°, 60%, 20%
HSV	290°, 75%, 33%
XYZ	4.5772, 2.5773, 8.4398
YIQ	43.6160, 11.0900, 30.3060

Conversions

Conversions Part 2

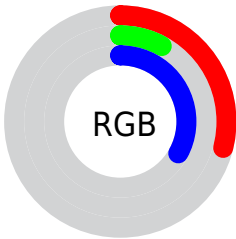
Format	Color
R_{YB}	73, 21, 83
Decimal	4789587
CIE Lab	18.26, 34.22, -26.20
CIE LCh	18, 43.094, 322.561
Yxy	2.5773, 0.2935, 0.1653
Android (android.graphics.Color)	4282979667 (0xFF491553)
YUV	43.6160, 19.4163, 25.7698
Hunter-Lab	16.0541, 22.7973, -19.9317

Details

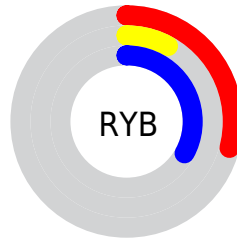
The Hex color **491553** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F5315**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7C4585**, and **1D0026** is the 20% darker color. If you saturate the color by 10%, you get **480D53**, and if you desaturate by 10%, it is **4A1D53**.

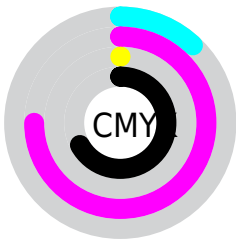
Distribution



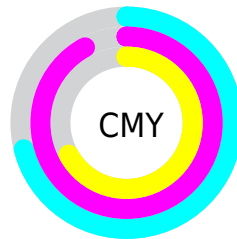
- Red (29%)
- Green (8%)
- Blue (33%)



- Red (29%)
- Yellow (8%)
- Blue (33%)



- Cyan (12%)
- Magenta (75%)
- Yellow (0%)
- Black (67%)



- Cyan (71%)
- Magenta (92%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 491553 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 491553 by changing the saturation by 10% instead.

■ 491553

■ 491553

FFFFFF

■ 31003C

■ 7C4585

■ 1D0026

■ 965E9F

■ 00010E

■ B277BA

■ 000000

■ CE91D6

■ EAACF3

■ FFC8FF

■ FFE4FF

■ 491553

■ 491553

■ 480D53

■ 4A1D53

■ 460453

■ 4C2653

■ 460053

■ 4D2E53

■ 4E3653

■ 503E53

■ 514753

■ 524F53

■ 545753

■ 556053

Harmonies

Analogous

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



0D2867



491553



5E0036

Triad

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



491553



3F2900



003944

Complementary

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



491553



1F5315

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.



003924



491553



223200

Square

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



491553



551900



003700



00385E

Rectangle

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



491553



610021



003700



003939

Sweetspot

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



491553



67546B



151F53



332836



B5B5B5



363636

Same Dimension

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



491553



5C0B6B



53153E



282529



580069



C300E8

Inverse Universe

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



53151F



6B0B1A



15532A



292525



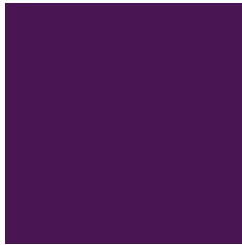
690011



E80025

Previews

White Background



This preview shows how the Hex color 491553 looks on a white background.

Color Contrast Check

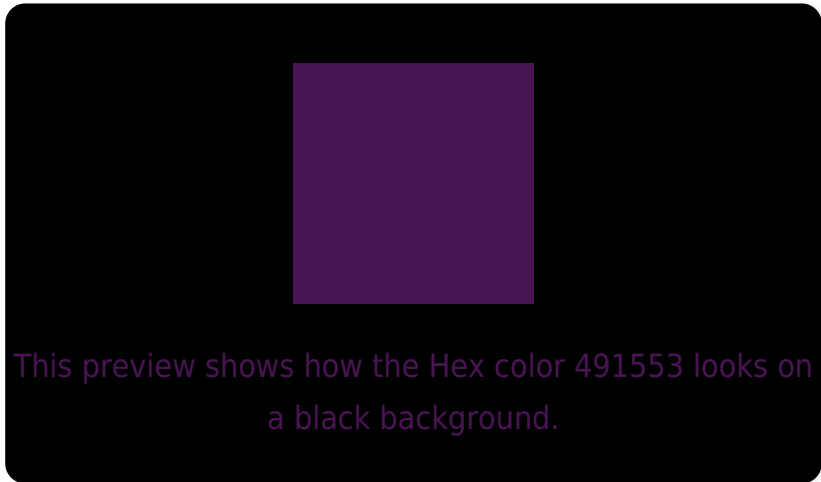
Large Text (above 18pt) WCAG AA ✓ Pass

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

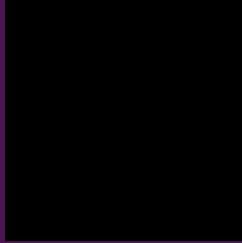
Any Text WCAG AA × Fail

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 491553 Background



This preview shows how black text looks on a background with the Hex color 491553.



This preview shows how white text looks on a background with the Hex color 491553.

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
491553

Protanopia
002C5E

Deuteranopia
162F4F



Tritanopia
432528

Trichromacy



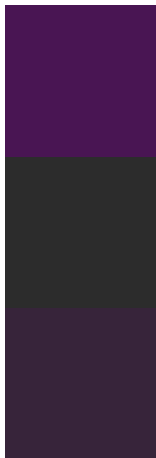
Original Color
491553

Protanomaly
1B245A

Deuteranomaly
292650

Tritanomaly
451F38

Monochromacy



Original Color
491553

Achromatopsia
2C2C2C

Achromatomaly
37243A

CSS Examples

Text

The CSS property to change the color of the text to Hex 491553 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 #491553 looks like.

```
.text, #text, p{  
    color:#491553  
}
```

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 #491553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491553
}
```

Border

The CSS property to change the border of an element to Hex 491553 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
#491553 }
```

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

```
.border{ border-color:#491553 }
```

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

Here you see how a box with a 4 pixel #491553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491553; -webkit-box-shadow:4px 4px  
4px 4px #491553; box-shadow:4px 4px 4px  
4px #491553 }
```

Background

The CSS property to change the background color of an element to Hex 491553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491553 }
```

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

```
.background{ background-color:#491553 }
```

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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