

Converting Colors

Hex(491F57)

Have a look what the booklet for
Hex(491F57) contains.

Hex(491F57)	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(491F57)

Conversions

Conversions Part 1

Format	Color
Hex	491F57
RGB	73, 31, 87
RGB Percent	29%, 12%, 34%
CMY	0.7137, 0.8784, 0.6588
CMYK	0.16, 0.64, 0.00, 0.66
HSL	285°, 47%, 23%
HSV	285°, 64%, 34%
XYZ	4.9579, 3.0846, 9.3509
YIQ	49.9420, 7.0560, 26.3200

Conversions

Conversions Part 2

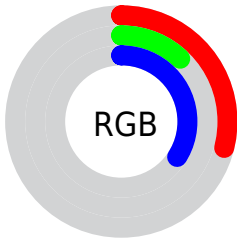
Format	Color
R_{YB}	73, 31, 87
Decimal	4792151
CIE _{Lab}	20.38, 30.01, -25.52
CIE _{LCh}	20, 39.393, 319.630
Yxy	3.0846, 0.2850, 0.1773
Android (android.graphics.Color)	4282982231 (0xFF491F57)
YUV	49.9420, 18.2696, 20.2219
Hunter-Lab	17.5629, 19.6547, -19.2733

Details

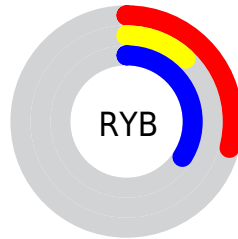
The Hex color **491F57** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D571F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7B4E89**, and **1F002A** is the 20% darker color. If you saturate the color by 10%, you get **471657**, and if you desaturate by 10%, it is **4B2857**.

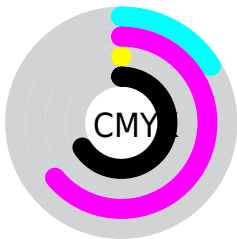
Distribution



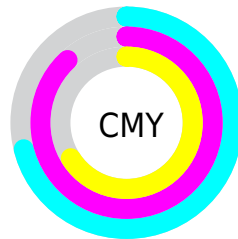
- Red (29%)
- Green (12%)
- Blue (34%)



- Red (29%)
- Yellow (12%)
- Blue (34%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)
- Black (66%)



- Cyan (71%)
- Magenta (88%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 491F57 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 491F57 by changing the saturation by 10% instead.



491F57



491F57

FFFFFF



31073F



7B4E89



1F002A



9666A4



000113



B180BF



000000



CD9ADB



E9B5F7



FFD1FF



FFEEFF



491F57



491F57

■ 471657

■ 4B2857

■ 450E57

■ 4D3057

■ 420557

■ 503957

■ 410057

■ 524257

■ 544B57

■ 565357

■ 585C57

■ 5A6557

■ 5D6D57

Harmonies

Analogous

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



122E68



491F57



5F0F3C

Triad

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



491F57



462C00



003E44

Complementary

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



491F57



2D571F

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.



003D26



491F57



2C3500

Square

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



491F57



591F00



003B06



003C5D

Rectangle

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



491F57



630C29



003B06



003E3A

Sweetspot

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



491F57



6B5B70



1F2D57



352B38



B8B8B8



383838

Same Dimension

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



491F57



5B1A70



571F49



2A272B



50006B



B000EB

Inverse Universe

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



571F2D



701A2F



1F572D



2B2728



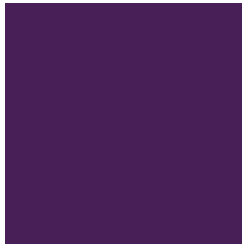
6B001B



EB003B

Previews

White Background



This preview shows how the Hex color 491F57 looks on a white background.

Color Contrast Check

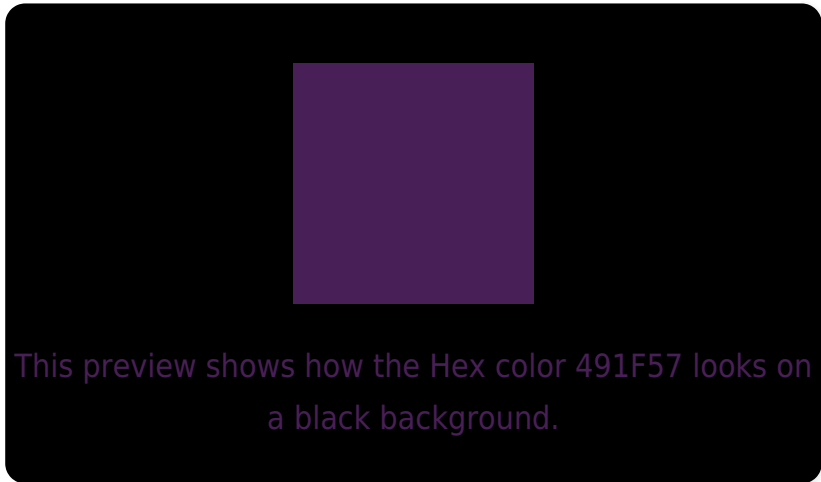
Large Text (above 18pt) WCAG AA ✓ Pass

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

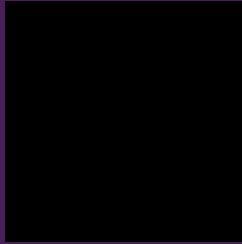
Any Text WCAG AA × Fail

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 491F57 Background



This preview shows how black text looks on a background with the Hex color 491F57.



This preview shows how white text looks on a background with the Hex color 491F57.

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
491F57

Protanopia
003067

Deuteranopia
1C3253



Tritanopia
432B2E

Trichromacy



Original Color
491F57

Protanomaly
1B2A61

Deuteranomaly
2C2B54

Tritanomaly
45273D

Monochromacy



Original Color
491F57

Achromatopsia
323232

Achromatomaly
3A2B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 491F57 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 #491F57 looks like.

```
.text, #text, p{  
    color:#491F57  
}
```

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 #491F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #491F57
}
```

Border

The CSS property to change the border of an element to Hex 491F57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

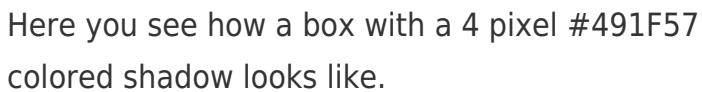
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#491F57 }
```

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

```
.border{ border-color:#491F57 }
```

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



Here you see how a box with a 4 pixel #491F57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #491F57; -webkit-box-shadow:4px 4px  
4px 4px #491F57; box-shadow:4px 4px 4px  
4px #491F57 }
```

Background

The CSS property to change the background color of an element to Hex 491F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#491F57 }
```

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

```
.background{ background-color:#491F57 }
```

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