

Converting Colors

Hex(49314D)

Have a look what the booklet for
Hex(49314D) contains.

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Color

Hex(49314D)

Conversions

Conversions Part 1

Format	Color
Hex	49314D
RGB	73, 49, 77
RGB Percent	29%, 19%, 30%
CMY	0.7137, 0.8078, 0.6980
CMYK	0.05, 0.36, 0.00, 0.70
HSL	291°, 22%, 25%
HSV	291°, 36%, 30%
XYZ	5.1855, 4.1489, 7.5487
YIQ	59.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

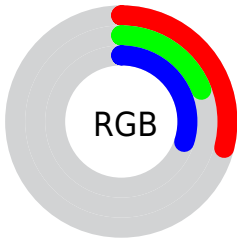
Format	Color
R_{YB}	73, 49, 77
Decimal	4796749
CIE _{Lab}	24.16, 16.54, -12.92
CIE _{LCh}	24, 20.992, 322.001
Yxy	4.1489, 0.3071, 0.2457
Android (android.graphics.Color)	4282986829 (0xFF49314D)
YUV	59.3680, 8.6926, 11.9553
Hunter-Lab	20.3689, 9.7971, -7.7146

Details

The Hex color **49314D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **354D31**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7A607E**, and **1E0421** is the 20% darker color. If you saturate the color by 10%, you get **48294D**, and if you desaturate by 10%, it is **4A394D**.

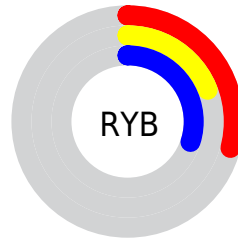
Distribution



 Red (29%)

 Green (19%)

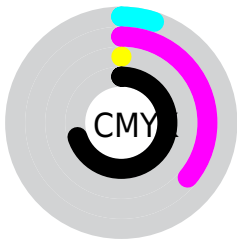
 Blue (30%)



 Red (29%)

 Yellow (19%)

 Blue (30%)

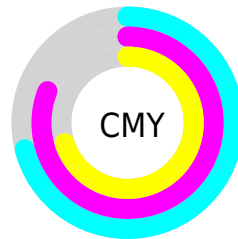


 Cyan (5%)

 Magenta (36%)

 Yellow (0%)

 Black (70%)



 Cyan (71%)

 Magenta (81%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49314D 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 49314D by changing the saturation by 10% instead.

■ 49314D

■ 49314D

FFFFFF

■ 321C36

■ 7A607E

■ 1E0421

■ 947998

■ 000007

■ AF92B3

■ 000000

■ CAADCE

■ E7C8EA

■ FFE4FF

■ 49314D

■ 49314D

■ 48294D

■ 4A394D

■ 47224D

■ 4B404D

■ 461A4D

■ 4C484D

■ 45124D

■ 4D504D

■ 430B4D

■ 4F584D

■ 42034D

■ 505F4D

■ 42004D

■ 51674D

■ 526F4D

■ 53764D

Harmonies

Analogous

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



343757



49314D



552D3E

Triad

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



49314D



47371A



004245

Complementary

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



49314D



354D31

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.



0B4135



49314D



383C1B

Square

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



49314D



523121



254025



004052

Rectangle

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



49314D



582D34



254025



00423F

Sweetspot

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



49314D



625963



31354D



322C33



B3B3B3



333333

Same Dimension

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



49314D



5D3863



4D3143



262226



570066



C500E6

Inverse Universe

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



4D3135



63383E



314D3B



262223



66000F



E60021

Previews

White Background



This preview shows how the Hex color 49314D looks on a white background.

Color Contrast Check

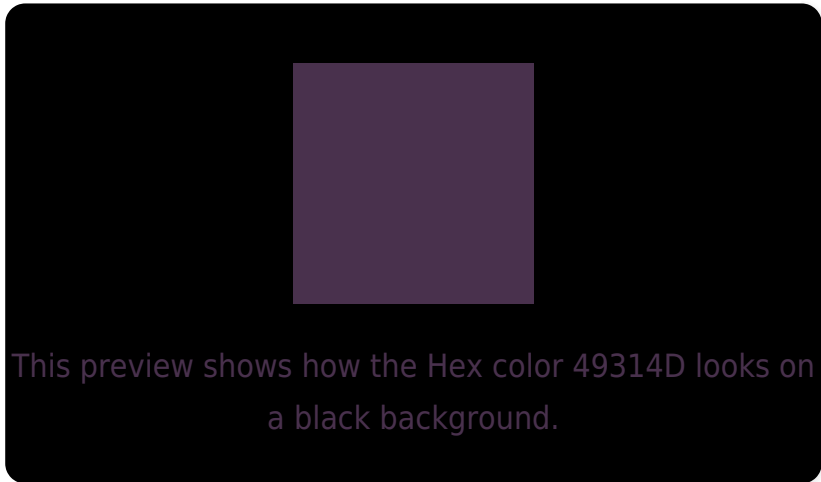
Large Text (above 18pt) WCAG AA ✓ Pass

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

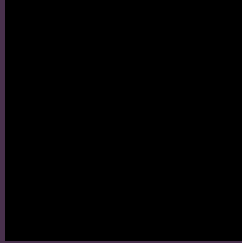
Any Text WCAG AA × Fail

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 49314D Background



This preview shows how black text looks on a background with the Hex color 49314D.



This preview shows how white text looks on a background with the Hex color 49314D.

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](#).

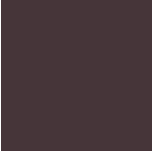
Dichromacy



Original Color
49314D

Protanopia
313953

Deuteranopia
36394C



Tritanopia
463539

Trichromacy



Original Color
49314D

Protanomaly
3A3651

Deuteranomaly
3D364C

Tritanomaly
473440

Monochromacy



Original Color
49314D

Achromatopsia
3B3B3B

Achromatomaly
403742

CSS Examples

Text

The CSS property to change the color of the text to Hex 49314D 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 #49314D looks like.

```
.text, #text, p{  
    color:#49314D  
}
```

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 #49314D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49314D }  
}
```

Border

The CSS property to change the border of an element to Hex 49314D 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 #49314D }  
}
```

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

```
.border{ border-color:#49314D }
```

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

Here you see how a box with a 4 pixel #49314D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49314D; -webkit-box-shadow:4px 4px  
4px 4px #49314D; box-shadow:4px 4px 4px  
4px #49314D }
```

Background

The CSS property to change the background color of an element to Hex 49314D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49314D }
```

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

```
.background{ background-color:#49314D }
```

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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