

# Converting Colors

Hex(49254D)

Have a look what the booklet for  
Hex(49254D) contains.

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# Color

**Hex(49254D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49254D
RGB	73, 37, 77
RGB Percent	29%, 15%, 30%
CMY	0.7137, 0.8549, 0.6980
CMYK	0.05, 0.52, 0.00, 0.70
HSL	294°, 35%, 22%
HSV	294°, 52%, 30%
XYZ	4.7488, 3.2754, 7.4031
YIQ	52.3240, 8.6160, 20.0720

# Conversions

## Conversions Part 2

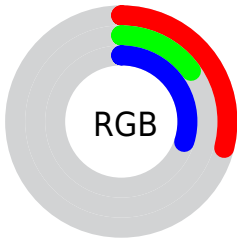
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 37, 77
Decimal	4793677
CIELab	21.11, 24.18, -17.64
CIELCh	21, 29.928, 323.888
Yxy	3.2754, 0.3078, 0.2123
Android (android.graphics.Color)	4282983757 (0xFF49254D)
YUV	52.3240, 12.1653, 18.1329
Hunter-Lab	18.0981, 15.1649, -11.5841

# Details

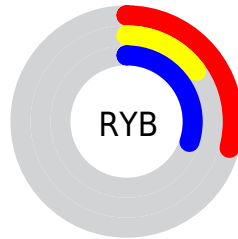
The Hex color **49254D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **294D25**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7B537E**, and **1F0021** is the 20% darker color. If you saturate the color by 10%, you get **481D4D**, and if you desaturate by 10%, it is **4A2D4D**.

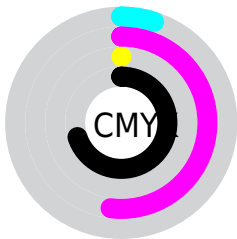
# Distribution



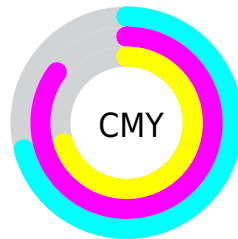
- Red (29%)
- Green (15%)
- Blue (30%)



- Red (29%)
- Yellow (15%)
- Blue (30%)



- Cyan (5%)
- Magenta (52%)
- Yellow (0%)
- Black (70%)



- Cyan (71%)
- Magenta (85%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49254D 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 49254D by changing the saturation by 10% instead.





49254D



49254D

FFFFFF



320F36



7B537E



1F0021



956C98



000006



B085B3



000000



CCA0CF



E8BBEB



FFD7FF



FFF3FF



49254D



49254D

■ 481D4D

■ 4A2D4D

■ 47164D

■ 4B344D

■ 470E4D

■ 4B3C4D

■ 46064D

■ 4C444D

■ 45004D

■ 4D4C4D

■ 4E534D

■ 4E5B4D

■ 4F634D

■ 506A4D

# Harmonies

## Analogous

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



2A2F5B



49254D



581E38

# Triad

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



49254D



423000



003D44

# Complementary

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



49254D



294D25

# 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.



003D2D



49254D



2D3705

# Square

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



49254D



52270F



0F3B17



003B56

# Rectangle

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



49254D



5B1E29



0F3B17



003D3D



# Sweetspot

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



49254D



625463



25294D



322933



B3B3B3



333333



# Same Dimension

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



49254D



5D2663



4D253D



262226



5C0066



CF00E6



# Inverse Universe

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



4D2529



63262C



254D35



262223



66000A

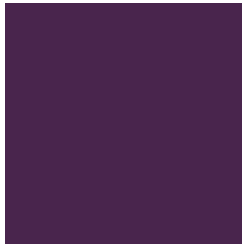


E60017



# Previews

## White Background



This preview shows how the Hex color 49254D looks on a white background.

## Color Contrast Check

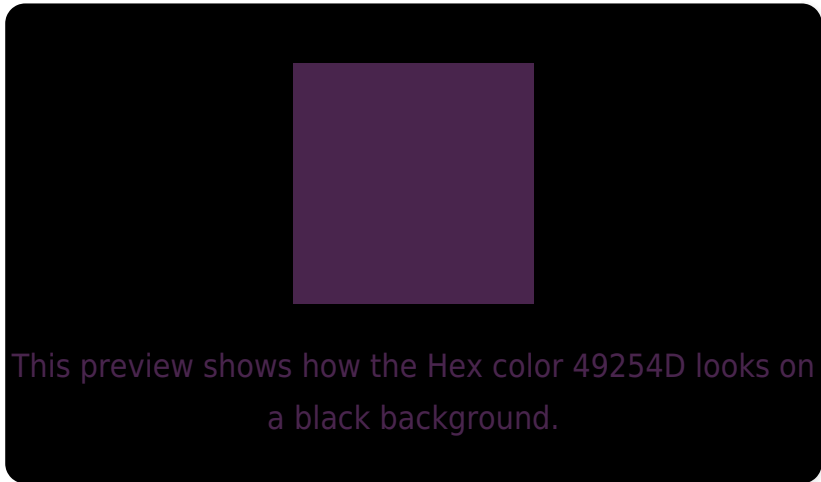
Large Text (above 18pt) WCAG AA ✓ Pass

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

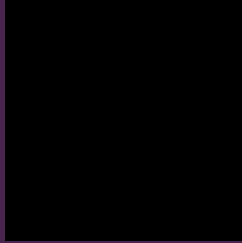
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 49254D Background



This preview shows how black text looks on a background with the Hex color 49254D.



This preview shows how white text looks on a background with the Hex color 49254D.

# 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**  
49254D

**Protanopia**  
223259

**Deuteranopia**  
2A334A



**Tritanopia**  
452C30

# Trichromacy



**Original Color**  
49254D

**Protanomaly**  
302D55

**Deuteranomaly**  
352E4B

**Tritanomaly**  
46293B

# Monochromacy



**Original Color**  
49254D

**Achromatopsia**  
343434

**Achromatomaly**  
3C2F3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49254D 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 #49254D looks like.

```
.text, #text, p{  
    color:#49254D  
}
```

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 #49254D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49254D
}
```

## Border

The CSS property to change the border of an element to Hex 49254D 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".

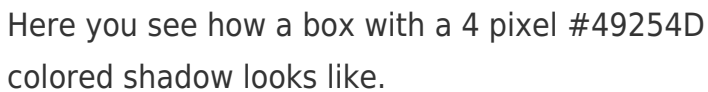
```
.border, #border, table{ border:4px solid
#49254D }
```

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

```
.border{ border-color:#49254D }
```

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

Here you see how a box with a 4 pixel #49254D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49254D; -webkit-box-shadow:4px 4px  
4px 4px #49254D; box-shadow:4px 4px 4px  
4px #49254D }
```

# Background

The CSS property to change the background color of an element to Hex 49254D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49254D }
```

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

```
.background{ background-color:#49254D }
```

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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