

Converting Colors

Hex(494274)

Have a look what the booklet for
Hex(494274) contains.

Hex(494274)	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(494274)

Conversions

Conversions Part 1

Format	Color
Hex	494274
RGB	73, 66, 116
RGB Percent	29%, 26%, 45%
CMY	0.7137, 0.7412, 0.5451
CMYK	0.37, 0.43, 0.00, 0.55
HSL	248°, 27%, 36%
HSV	248°, 43%, 45%
XYZ	7.8483, 6.5739, 17.3782
YIQ	73.7930, -11.8780, 17.0340

Conversions

Conversions Part 2

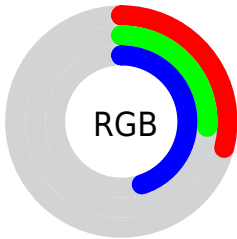
Format	Color
R_{YB}	73, 66, 116
Decimal	4801140
CIE _{Lab}	30.82, 15.93, -27.77
CIE _{LCh}	31, 32.016, 299.846
Yxy	6.5739, 0.2468, 0.2067
Android (android.graphics.Color)	4282991220 (0xFF494274)
YUV	73.7930, 20.8081, -0.6955
Hunter-Lab	25.6395, 9.7697, -22.2385

Details

The Hex color **494274** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D7442**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7B72A8**, and **191743** is the 20% darker color. If you saturate the color by 10%, you get **3F3674**, and if you desaturate by 10%, it is **534E74**.

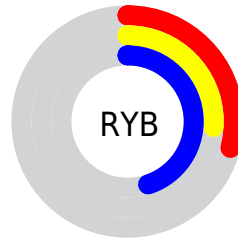
Distribution



Red (29%)

Green (26%)

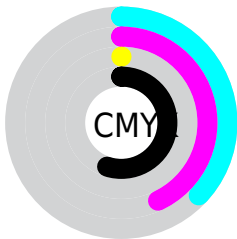
Blue (45%)



Red (29%)

Yellow (26%)

Blue (45%)

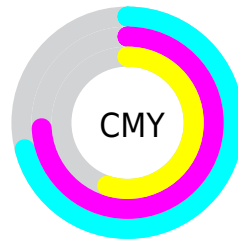


Cyan (37%)

Magenta (43%)

Yellow (0%)

Black (55%)



Cyan (71%)

Magenta (74%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 494274 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 494274 by changing the saturation by 10% instead.



494274



494274

FFFFFF



312C5B



7B72A8



191743



968BC4



05002D



B1A6E0



000117



CDC1FC



000000



E9DDFF



FFF9FF



494274



494274



3F3674



534E74

■ 352B74

■ 5D5974

■ 2B1F74

■ 676574

■ 211474

■ 717074

■ 170874

■ 7B7C74

■ 100074

■ 858874

■ 8F9374

■ 999F74

■ A3AA74

Harmonies

Analogous

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



0D4B7A



494274



673862

Triad

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



494274



6A3E1D



005548

Complementary

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



494274



6D7442

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.



1B532E



494274



564713

Square

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



494274



753531



3D4E1B



005461

Rectangle

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



494274



723352



3D4E1B



00543F

Sweetspot

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



494274



868396



426D74



42404D



CCCCCC



4D4D4D

Same Dimension

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



494274



534896



624274



36353B



11007A



2300FA

Inverse Universe

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



74426D



96488B



547442



3B353A



7A0069



FA00D7

Previews

White Background



This preview shows how the Hex color 494274 looks on a white background.

Color Contrast Check

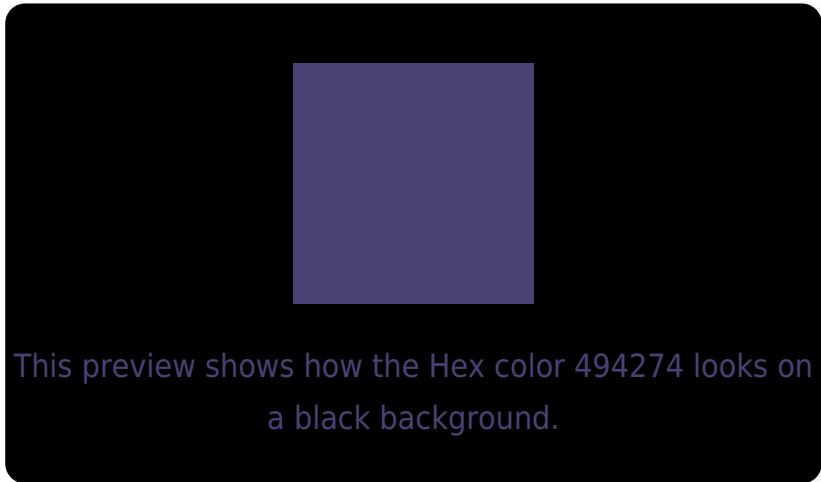
Large Text (above 18pt) WCAG AA ✓ Pass

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

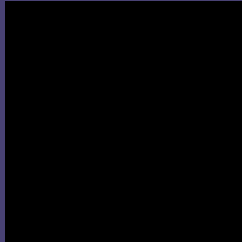
Any Text WCAG AA × Fail

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 494274 Background



This preview shows how black text looks on a background with the Hex color 494274.



This preview shows how white text looks on a background with the Hex color 494274.

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

494274

Protanopia

344779

Deuteranopia

324973



Tritanopia
414A50

Trichromacy



Original Color
494274

Protanomaly
3C4577

Deuteranomaly
3A4673

Tritanomaly
44475D

Monochromacy



Original Color
494274

Achromatopsia
4A4A4A

Achromatomaly
4A4759

CSS Examples

Text

The CSS property to change the color of the text to Hex 494274 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 #494274 looks like.

```
.text, #text, p{  
    color:#494274  
}
```

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 #494274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494274
}
```

Border

The CSS property to change the border of an element to Hex 494274 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".

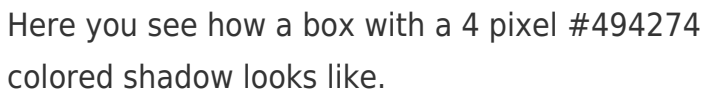
```
.border, #border, table{ border:4px solid
#494274 }
```

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

```
.border{ border-color:#494274 }
```

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

Here you see how a box with a 4 pixel #494274 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494274; -webkit-box-shadow:4px 4px  
4px 4px #494274; box-shadow:4px 4px 4px  
4px #494274 }
```

Background

The CSS property to change the background color of an element to Hex 494274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494274 }
```

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

```
.background{ background-color:#494274 }
```

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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