

Converting Colors

Hex(494075)

Have a look what the booklet for
Hex(494075) contains.

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Color

Hex(494075)

Conversions

Conversions Part 1

Format	Color
Hex	494075
RGB	73, 64, 117
RGB Percent	29%, 25%, 46%
CMY	0.7137, 0.7490, 0.5412
CMYK	0.38, 0.45, 0.00, 0.54
HSL	250°, 29%, 35%
HSV	250°, 45%, 46%
XYZ	7.7919, 6.3676, 17.6480
YIQ	72.7330, -11.6490, 18.3910

Conversions

Conversions Part 2

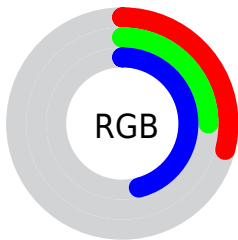
Format	Color
RYB	73, 64, 117
Decimal	4800629
CIELab	30.32, 17.54, -29.18
CIELCh	30, 34.049, 301.015
Yxy	6.3676, 0.2450, 0.2002
Android (android.graphics.Color)	4282990709 (0xFF494075)
YUV	72.7330, 21.8236, 0.2342
Hunter-Lab	25.2341, 10.9585, -23.8018

Details

The Hex color **494075** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C7540**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7C70A9**, and **181544** is the 20% darker color. If you saturate the color by 10%, you get **3F3475**, and if you desaturate by 10%, it is **534C75**.

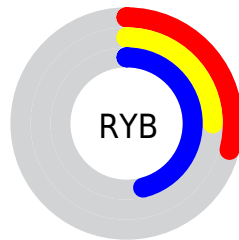
Distribution



Red (29%)

Green (25%)

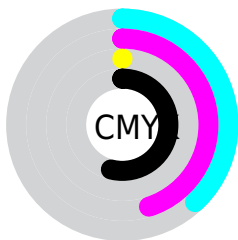
Blue (46%)



Red (29%)

Yellow (25%)

Blue (46%)

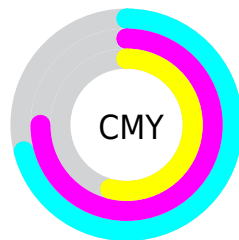


Cyan (38%)

Magenta (45%)

Yellow (0%)

Black (54%)



Cyan (71%)

Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 494075 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 494075 by changing the saturation by 10% instead.

■ 494075

■ 494075

FFFFFF

■ 312A5C

■ 7C70A9

■ 181544

■ 9689C5

■ 05002E

■ B1A4E1

■ 000118

■ CDBFFE

■ 000000

■ EADBFF

■ FFF7FF

■ 494075

■ 494075

■ 3F3475

■ 534C75

■ 362975

■ 5C5775

■ 2C1D75

■ 666375

■ 221175

■ 706F75

■ 180675

■ 7A7B75

■ 140075

■ 838675

■ 8D9275

■ 979E75

■ A0A975

Harmonies

Analogous

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



004A7C



494075



683562

Triad

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



494075



693C18



005447

Complementary

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



494075



6C7540

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.



11522C



494075



55460D

Square

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



494075



76332E



3A4E17



005462

Rectangle

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



494075



733051



3A4E17



00543E

Sweetspot

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



494075



878499



406C75



423F4D



CCCCCC



4D4D4D

Same Dimension

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



494075



544699



634075



36353B



15007A



2A00FA

Inverse Universe

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



75406C



99468B



527540



3B353A



7A0066



FA00CF

Previews

White Background



This preview shows how the Hex color 494075 looks on a white background.

Color Contrast Check

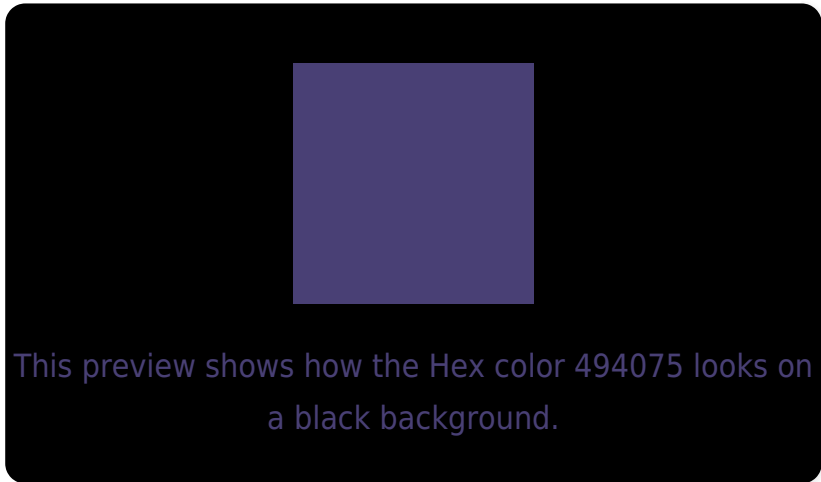
Large Text (above 18pt) WCAG AA ✓ Pass

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

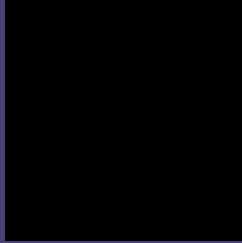
Any Text WCAG AA × Fail

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 494075 Background



This preview shows how black text looks on a background with the Hex color 494075.



This preview shows how white text looks on a background with the Hex color 494075.

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](#).

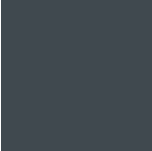
Dichromacy



Original Color
494075

Protanopia
31467A

Deuteranopia
2D4873



Tritanopia
40494F

Trichromacy



Original Color
494075

Protanomaly
3A4478

Deuteranomaly
374574

Tritanomaly
43465D

Monochromacy



Original Color
494075

Achromatopsia
494949

Achromatomaly
494659

CSS Examples

Text

The CSS property to change the color of the text to Hex 494075 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 #494075 looks like.

```
.text, #text, p{  
    color:#494075  
}
```

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 #494075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494075
}
```

Border

The CSS property to change the border of an element to Hex 494075 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
#494075 }
```

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

```
.border{ border-color:#494075 }
```

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

Here you see how a box with a 4 pixel #494075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494075; -webkit-box-shadow:4px 4px  
4px 4px #494075; box-shadow:4px 4px 4px  
4px #494075 }
```

Background

The CSS property to change the background color of an element to Hex 494075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494075 }
```

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

```
.background{ background-color:#494075 }
```

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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