

# Converting Colors

Hex(494D76)

Have a look what the booklet for  
Hex(494D76) contains.

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# Color

Hex(494D76)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	494D76
RGB	73, 77, 118
RGB Percent	29%, 30%, 46%
CMY	0.7137, 0.6980, 0.5373
CMYK	0.38, 0.35, 0.00, 0.54
HSL	235°, 24%, 37%
HSV	235°, 38%, 46%
XYZ	8.6715, 8.0322, 18.2329
YIQ	80.4780, -15.5450, 11.9030

# Conversions

## Conversions Part 2

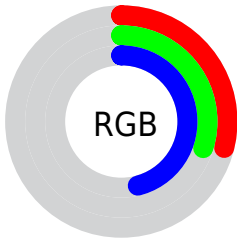
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 77, 118
Decimal	4803958
CIE Lab	34.05, 9.36, -23.94
CIE LCh	34, 25.708, 291.346
Yxy	8.0322, 0.2482, 0.2299
Android (android.graphics.Color)	4282994038 (0xFF494D76)
YUV	80.4780, 18.4983, -6.5582
Hunter-Lab	28.3412, 5.0185, -18.3045

# Details

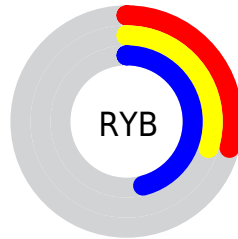
The Hex color **494D76** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **767249**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **7B7EAA**, and **192145** is the 20% darker color. If you saturate the color by 10%, you get **3D4276**, and if you desaturate by 10%, it is **555876**.

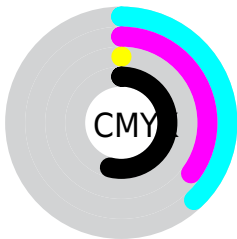
# Distribution



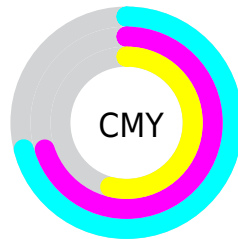
- Red (29%)
- Green (30%)
- Blue (46%)



- Red (29%)
- Yellow (30%)
- Blue (46%)



- Cyan (38%)
- Magenta (35%)
- Yellow (0%)
- Black (54%)



- Cyan (71%)
- Magenta (70%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 494D76 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 494D76 by changing the saturation by 10% instead.





494D76



494D76

FFFFFF



31365D



7B7EAA



192145



9698C6



020B2F



B1B2E2



00011A



CCCEFF



000000



E9EAFF



494D76



494D76



3D4276



555876



313776



616376

■ 262D76

■ 6C6D76

■ 1A2276

■ 787876

■ 0E1776

■ 848376

■ 020C76

■ 908E76

■ 000A76

■ 9C9876

■ A7A376

■ B3AE76

# Harmonies

## Analogous

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



225478



494D76



64456A

# Triad

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



494D76



714631



175A49

# Complementary

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



494D76



767249

# 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.



375836



494D76



624D27

# Square

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



494D76



774042



4E5329



005B5E

# Rectangle

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



494D76



6F415E



4E5329



235A42



# Sweetspot

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



494D76



888A99



497672



43434D



CCCCCC



4D4D4D



# Same Dimension

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



494D76



535999



5B4976



35353B



000B7A



0016FA



# Inverse Universe

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



76494D



995359



647649



3B3535



7A000B

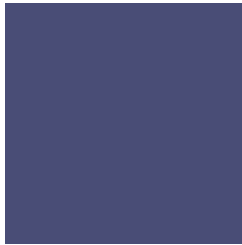


FA0016



# Previews

## White Background



This preview shows how the Hex color 494D76 looks on a white background.

## Color Contrast Check

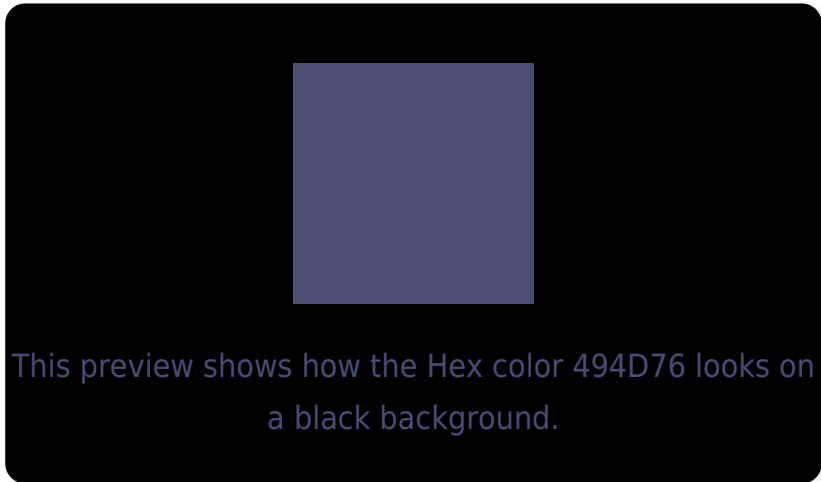
Large Text (above 18pt) WCAG AA ✓ Pass

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

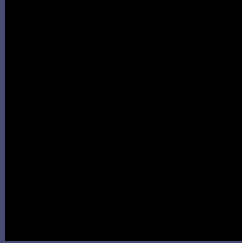
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 494D76 Background



This preview shows how black text looks on a background with the Hex color 494D76.



This preview shows how white text looks on a background with the Hex color 494D76.

# 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](#).

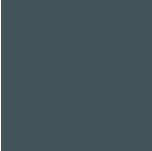
## Dichromacy



**Original Color**  
494D76

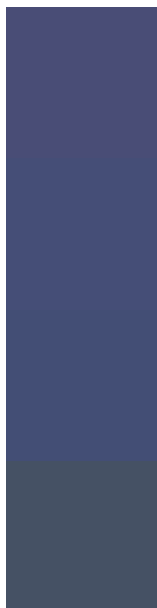
**Protanopia**  
424F77

**Deuteranopia**  
404F75



**Tritanopia**  
425359

# Trichromacy



**Original Color**

494D76

**Protanomaly**

454E77

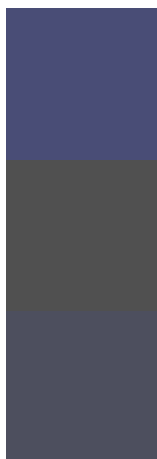
**Deuteranomaly**

434E75

**Tritanomaly**

455164

# Monochromacy



**Original Color**

494D76

**Achromatopsia**

505050

**Achromatomaly**

4D4F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 494D76 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 #494D76 looks like.

```
.text, #text, p{  
    color:#494D76  
}
```

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 #494D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494D76
}
```

## Border

The CSS property to change the border of an element to Hex 494D76 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
#494D76 }
```

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

```
.border{ border-color:#494D76 }
```

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

Here you see how a box with a 4 pixel #494D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494D76; -webkit-box-shadow:4px 4px  
4px 4px #494D76; box-shadow:4px 4px 4px  
4px #494D76 }
```

# Background

The CSS property to change the background color of an element to Hex 494D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494D76 }
```

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

```
.background{ background-color:#494D76 }
```

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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