

Converting Colors

Hex(496475)

Have a look what the booklet for
Hex(496475) contains.

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Color

Hex(496475)

Conversions

Conversions Part 1

Format	Color
Hex	496475
RGB	73, 100, 117
RGB Percent	29%, 39%, 46%
CMY	0.7137, 0.6078, 0.5412
CMYK	0.38, 0.15, 0.00, 0.54
HSL	203°, 23%, 37%
HSV	203°, 38%, 46%
XYZ	10.5157, 11.8152, 18.5559
YIQ	93.8650, -21.5490, -0.4370

Conversions

Conversions Part 2

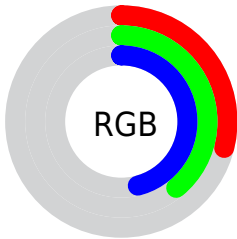
Format	Color
RYB	73, 90, 117
Decimal	4809845
CIELab	40.92, -5.32, -12.75
CIElCh	41, 13.809, 247.359
Yxy	11.8152, 0.2572, 0.2890
Android (android.graphics.Color)	4282999925 (0xFF496475)
YUV	93.8650, 11.4056, -18.2986
Hunter-Lab	34.3732, -5.5450, -7.9457

Details

The Hex color **496475** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **755A49**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7B97A9**, and **193545** is the 20% darker color. If you saturate the color by 10%, you get **3D5F75**, and if you desaturate by 10%, it is **556975**.

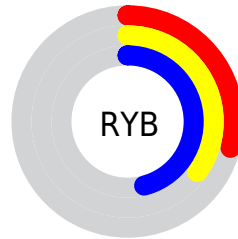
Distribution



Red (29%)

Green (39%)

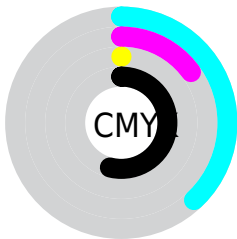
Blue (46%)



Red (29%)

Yellow (35%)

Blue (46%)

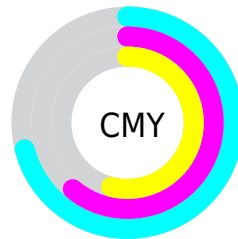


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (54%)



Cyan (71%)

Magenta (61%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 496475 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 496475 by changing the saturation by 10% instead.

■ 496475

■ 496475

FFFFFF

■ 314C5C

■ 7B97A9

■ 193545

■ 96B1C4

■ 01202E

■ B1CDE0

■ 00081A

■ CCE9FD

■ 000000

■ E9FFFF

■ 496475

■ 496475

■ 3D5F75

■ 556975

■ 325B75

■ 606D75

■ 265675

■ 6C7275

■ 1A5275

■ 787675

■ 0E4D75

■ 847B75

■ 034975

■ 8F7F75

■ 004875

■ 9B8475

■ A78875

■ B28D75

Harmonies

Analogous

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



41666E



496475



576177

Triad

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



496475



77585E



5A644E

Complementary

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



496475



755A49

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.



66614A



496475



775A53

Square

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



496475



725A69



715D4C



4D6657

Rectangle

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



496475



615E74



715D4C



5E634C

Sweetspot

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



496475



889299



49755A



43494D



CCCCCC



4D4D4D

Same Dimension

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



496475



547E99



494E75



35383B



004B7A



0099FA

Inverse Universe

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



754964



99547E



757049



3B3538



7A004B



FA0099

Previews

White Background



This preview shows how the Hex color 496475 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

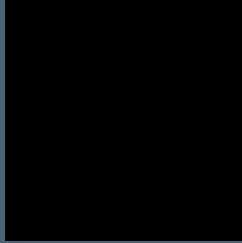
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

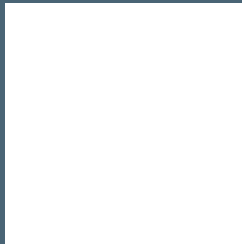
Any Text WCAG AAA × Fail

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

Hex 496475 Background



This preview shows how black text looks on a background with the Hex color 496475.

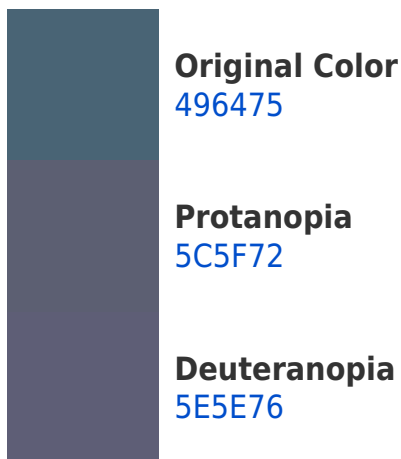



This preview shows how white text looks on a background with the Hex color 496475.

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](#).

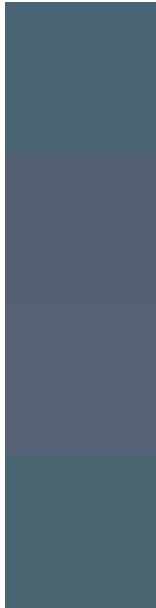
Dichromacy





Tritanopia
47656D

Trichromacy



Original Color
496475

Protanomaly
556173

Deuteranomaly
566076

Tritanomaly
486570

Monochromacy



Original Color
496475

Achromatopsia
5E5E5E

Achromatomaly
566066

CSS Examples

Text

The CSS property to change the color of the text to Hex 496475 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 #496475 looks like.

```
.text, #text, p{  
    color:#496475  
}
```

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 #496475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #496475  
}
```

Border

The CSS property to change the border of an element to Hex 496475 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  
#496475 }
```

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

```
.border{ border-color:#496475 }
```

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

Here you see how a box with a 4 pixel #496475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #496475; -webkit-box-shadow:4px 4px  
4px 4px #496475; box-shadow:4px 4px 4px  
4px #496475 }
```

Background

The CSS property to change the background color of an element to Hex 496475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#496475 }
```

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

```
.background{ background-color:#496475 }
```

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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