

# Converting Colors

Hex(44875E)

Have a look what the booklet for  
Hex(44875E) contains.

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# Color

**Hex(44875E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44875E
RGB	68, 135, 94
RGB Percent	27%, 53%, 37%
CMY	0.7333, 0.4706, 0.6314
CMYK	0.50, 0.00, 0.30, 0.47
HSL	143°, 33%, 40%
HSV	143°, 50%, 53%
XYZ	13.0682, 19.3650, 13.6387
YIQ	110.2930, -26.7710, -26.9550

# Conversions

## Conversions Part 2

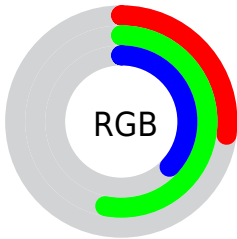
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 116, 135</a>
Decimal	<a href="#">4491102</a>
CIELab	<a href="#">51.11, -31.21, 15.64</a>
CIELCh	<a href="#">51, 34.908, 153.382</a>
Yxy	<a href="#">19.3650, 0.2836, 0.4203</a>
Android (android.graphics.Color)	<a href="#">4282681182 (0xFF44875E)</a>
YUV	<a href="#">110.2930, -8.0324, -37.0910</a>
Hunter-Lab	<a href="#">44.0057, -24.0014, 12.4282</a>

# Details

The Hex color **44875E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **87446D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **78BD91**, and **0A5530** is the 20% darker color. If you saturate the color by 10%, you get **378756**, and if you desaturate by 10%, it is **528766**.

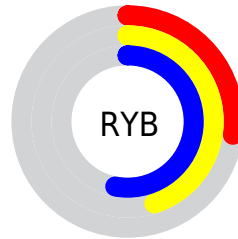
# Distribution



Red (27%)

Green (53%)

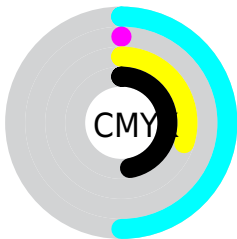
Blue (37%)



Red (27%)

Yellow (45%)

Blue (53%)

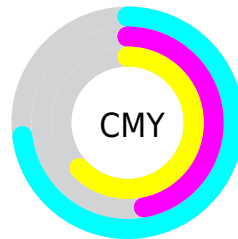


Cyan (50%)

Magenta (0%)

Yellow (30%)

Black (47%)



Cyan (73%)

Magenta (47%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44875E 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 44875E by changing the saturation by 10% instead.



 44875E

 44875E

FFFFFF

 2A6D46

 78BD91

 0A5530

 93D9AB

 003D1A

 AFF5C7

 002701

 CBFFE3

 000800

 E8FFFF

 000000

 44875E

 44875E

 378756

 528766

 29874D

 5F876F

■ 1C8745

■ 6D8777

■ 0E873D

■ 7A877F

■ 018735

■ 888787

■ 008734

■ 958790

■ A38798

■ B087A0

■ BE87A8

# Harmonies

## Analogous

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



6A8247



44875E



00897C

# Triad

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



44875E



507CB5



B0655B

# Complementary

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



44875E



87446D

# 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.



B16177



44875E



8171AC

# Square

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



44875E



0084AE



A26695



A26F45

# Rectangle

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



44875E



008990



A26695



B36364



# Sweetspot

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



44875E



96B0A0



6D8744



49594F



D9D9D9



595959



# Same Dimension

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



44875E



46B06F



44877F



3C423E



008232



000301



# Inverse Universe

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



87446D



B04687



87444C



423C40



820050



030002



# Previews

## White Background



This preview shows how the Hex color 44875E looks on a white background.

## Color Contrast Check

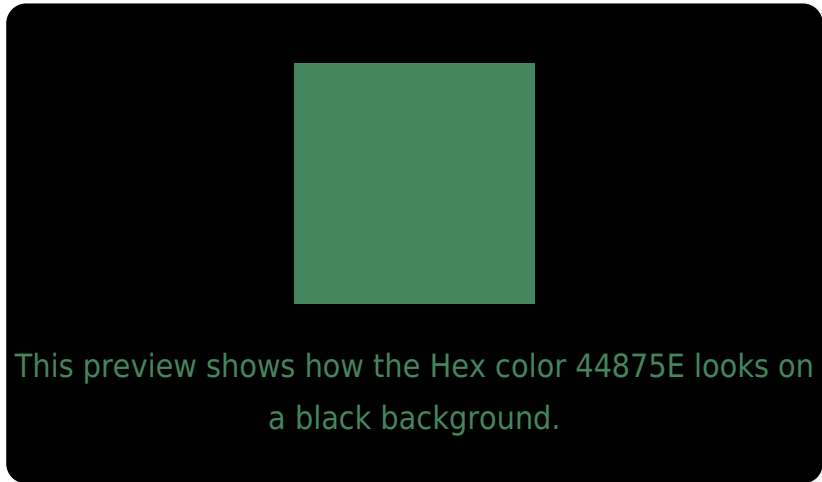
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

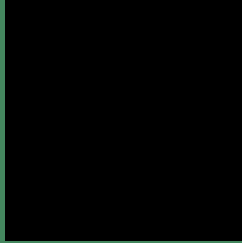
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 44875E Background



This preview shows how black text looks on a background with the Hex color 44875E.

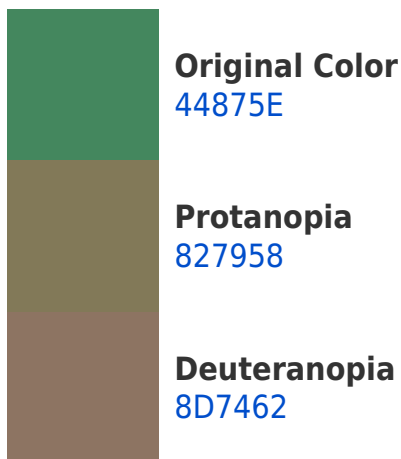



This preview shows how white text looks on a background with the Hex color 44875E.

# 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](#).

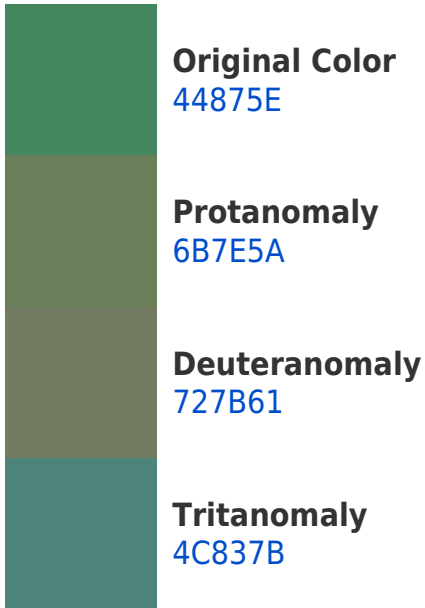
## Dichromacy





**Tritanopia**  
50818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44875E 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 #44875E looks like.

```
.text, #text, p{  
    color:#44875E  
}
```

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 #44875E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44875E
}
```

## Border

The CSS property to change the border of an element to Hex 44875E 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
#44875E }
```

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

```
.border{ border-color:#44875E }
```

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

Here you see how a box with a 4 pixel #44875E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44875E; -webkit-box-shadow:4px 4px  
4px 4px #44875E; box-shadow:4px 4px 4px  
4px #44875E }
```

# Background

The CSS property to change the background color of an element to Hex 44875E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44875E }
```

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

```
.background{ background-color:#44875E }
```

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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