

Converting Colors

Hex(445E61)

Have a look what the booklet for
Hex(445E61) contains.

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Color

Hex(445E61)

Conversions

Conversions Part 1

Format	Color
Hex	445E61
RGB	68, 94, 97
RGB Percent	27%, 37%, 38%
CMY	0.7333, 0.6314, 0.6196
CMYK	0.30, 0.03, 0.00, 0.62
HSL	186°, 18%, 32%
HSV	186°, 30%, 38%
XYZ	8.5443, 10.0974, 12.8079
YIQ	86.5680, -16.4590, -4.5790

Conversions

Conversions Part 2

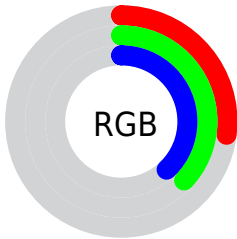
Format	Color
RYB	68, 82, 97
Decimal	4480609
CIELab	38.02, -8.85, -4.86
CIELCh	38, 10.096, 208.793
Yxy	10.0974, 0.2717, 0.3211
Android (android.graphics.Color)	4282670689 (0xFF445E61)
YUV	86.5680, 5.1430, -16.2841
Hunter-Lab	31.7764, -7.6124, -1.6541

Details

The Hex color **445E61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **614744**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **759094**, and **173033** is the 20% darker color. If you saturate the color by 10%, you get **3A5D61**, and if you desaturate by 10%, it is **4E5F61**.

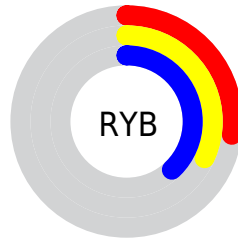
Distribution



Red (27%)

Green (37%)

Blue (38%)



Red (27%)

Yellow (32%)

Blue (38%)

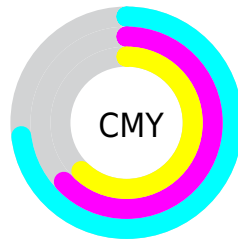


Cyan (30%)

Magenta (3%)

Yellow (0%)

Black (62%)



Cyan (73%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445E61 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 445E61 by changing the saturation by 10% instead.

■ 445E61

■ 445E61

FFFFFF

■ 2D4649

■ 759094

■ 173033

■ 8FABAE

■ 001B1E

■ AAC6C9

■ 000004

■ C5E2E6

■ 000000

■ E1FFFF

FEFFFF

■ 445E61

■ 445E61

■ 3A5D61

■ 4E5F61

■ 315C61

■ 576061

■ 275B61

■ 616161

■ 1D5A61

■ 6B6261

■ 145961

■ 746361

■ 0A5861

■ 7E6461

■ 005761

■ 886561

■ 926661

■ 9B6761

Harmonies

Analogous

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



475E59



445E61



475D67

Triad

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



445E61



645562



605949

Complementary

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



445E61



614744

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.



67564C



445E61



6A545A

Square

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



445E61



5B5868



6B5452



575B4B

Rectangle

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



445E61



4D5B69



6B5452



63584A

Sweetspot

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



445E61



727C7D



446147



393F40



BFBFBF



404040

Same Dimension

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



445E61



50787D



445061



2C3030



006570



00D7F0

Inverse Universe

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



61445E



7D5078



615544



302C30



700065



F000D7

Previews

White Background



This preview shows how the Hex color 445E61 looks on a white background.

Color Contrast Check

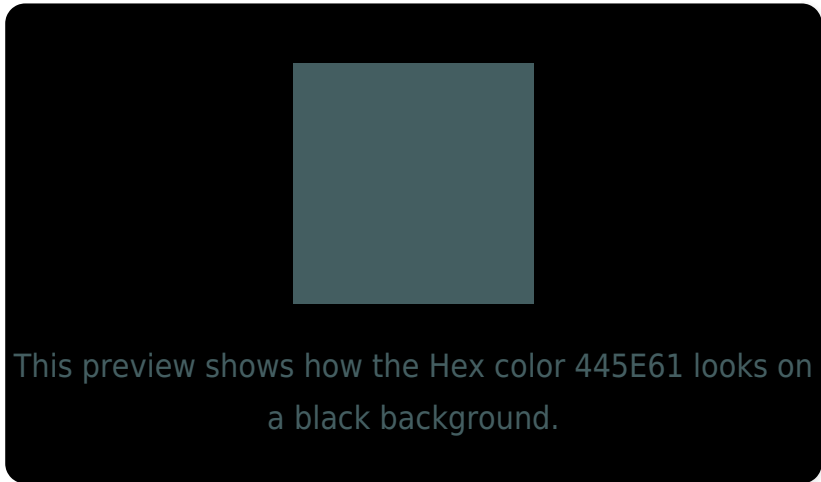
Large Text (above 18pt) WCAG AA ✓ Pass

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

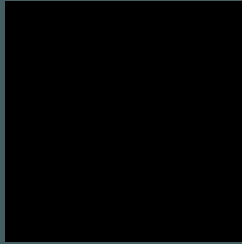
Any Text WCAG AA × Fail

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 445E61 Background



This preview shows how black text looks on a background with the Hex color 445E61.

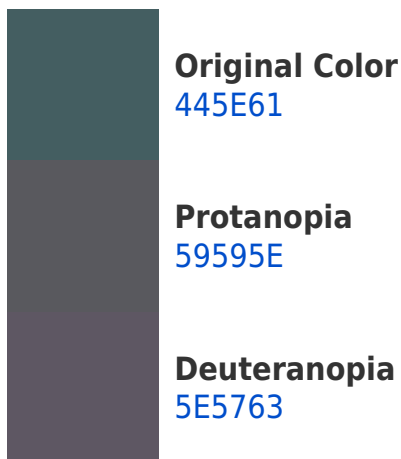



This preview shows how white text looks on a background with the Hex color 445E61.

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](#).

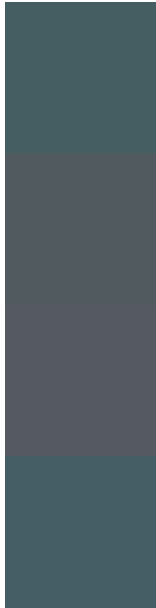
Dichromacy





Tritanopia
455D65

Trichromacy



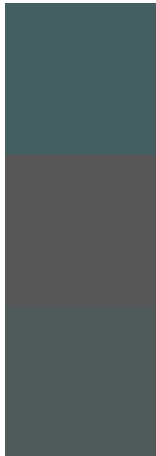
Original Color
445E61

Protanomaly
515B5F

Deuteranomaly
555A62

Tritanomaly
455D64

Monochromacy



Original Color
445E61

Achromatopsia
575757

Achromatomaly
505A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 445E61 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 #445E61 looks like.

```
.text, #text, p{  
    color:#445E61  
}
```

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 #445E61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445E61
}
```

Border

The CSS property to change the border of an element to Hex 445E61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

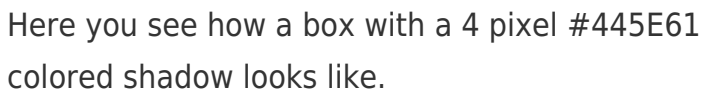
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#445E61 }
```

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

```
.border{ border-color:#445E61 }
```

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



Here you see how a box with a 4 pixel #445E61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445E61; -webkit-box-shadow:4px 4px  
4px 4px #445E61; box-shadow:4px 4px 4px  
4px #445E61 }
```

Background

The CSS property to change the background color of an element to Hex 445E61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445E61 }
```

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

```
.background{ background-color:#445E61 }
```

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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