

Converting Colors

Hex(427B61)

Have a look what the booklet for
Hex(427B61) contains.

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Color

Hex(427B61)

Conversions

Conversions Part 1

Format	Color
Hex	427B61
RGB	66, 123, 97
RGB Percent	26%, 48%, 38%
CMY	0.7412, 0.5176, 0.6196
CMYK	0.46, 0.00, 0.21, 0.52
HSL	153°, 30%, 37%
HSV	153°, 46%, 48%
XYZ	11.4874, 16.1872, 13.8283
YIQ	102.9930, -25.6260, -20.1700

Conversions

Conversions Part 2

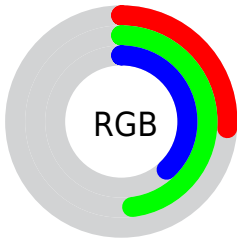
Format	Color
R _{YB}	66, 103, 123
Decimal	4356961
CIE Lab	47.22, -25.29, 8.47
CIE LCh	47, 26.668, 161.486
Yxy	16.1872, 0.2768, 0.3900
Android (android.graphics.Color)	4282547041 (0xFF427B61)
YUV	102.9930, -2.9545, -32.4429
Hunter-Lab	40.2334, -19.4432, 7.7853

Details

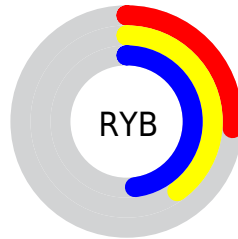
The Hex color **427B61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B425C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75B094**, and **0C4A33** is the 20% darker color. If you saturate the color by 10%, you get **367B5B**, and if you desaturate by 10%, it is **4E7B67**.

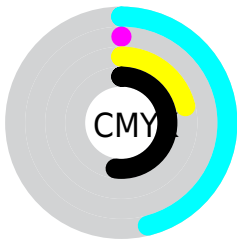
Distribution



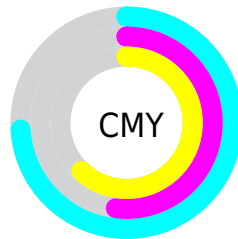
- Red (26%)
- Green (48%)
- Blue (38%)



- Red (26%)
- Yellow (40%)
- Blue (48%)



- Cyan (46%)
- Magenta (0%)
- Yellow (21%)
- Black (52%)



- Cyan (74%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427B61 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 427B61 by changing the saturation by 10% instead.

 427B61

 427B61

FFFFFF

 296249

 75B094

 0C4A33

 90CBAE

 00331D

 ABE8CA

 001F05

 C7FFE6

 000000

 E3FFFF

 427B61

 427B61

 367B5B

 4E7B67

 297B56

 5B7B6C

■ 1D7B50

■ 677B72

■ 117B4B

■ 737B77

■ 057B45

■ 807B7D

■ 007B43

■ 8C7B83

■ 987B88

■ A47B8E

■ B17B93

Harmonies

Analogous

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



5E774E



427B61



257C78

Triad

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



427B61



5E6F9C



986353

Complementary

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



427B61



7B425C

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.



9C5F68



427B61



7E6792

Square

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



427B61



39769A



93617F



8B6A46

Rectangle

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



427B61



187B87



93617F



9B615A

Sweetspot

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



427B61



8AA196



5D7B42



44524B



D1D1D1



525252

Same Dimension

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



427B61



47A178



42797B



373D3A



007D44



00FC89

Inverse Universe

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



7B425C



A14770



7B4442



3D373A



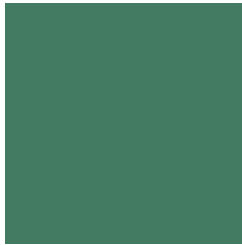
7D0039



FC0073

Previews

White Background



This preview shows how the Hex color 427B61 looks on a white background.

Color Contrast Check

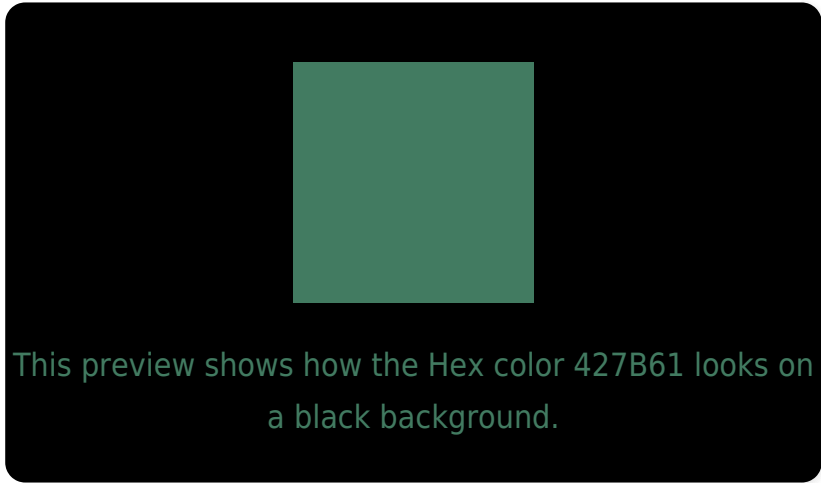
Large Text (above 18pt) WCAG AA ✓ Pass

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

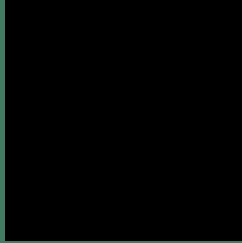
Any Text WCAG AA × Fail

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 427B61 Background



This preview shows how black text looks on a background with the Hex color 427B61.

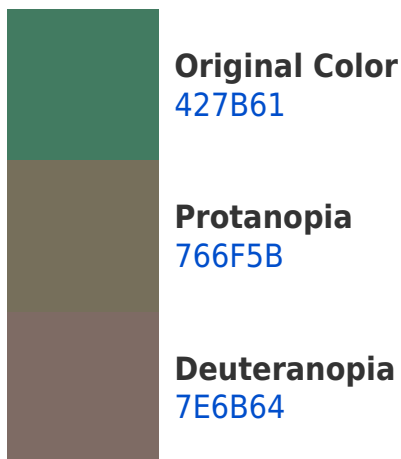


This preview shows how white text looks on a background with the Hex color 427B61.

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
4A7780

Trichromacy



Original Color
427B61

Protanomaly
63735D

Deuteranomaly
687163

Tritanomaly
477875

Monochromacy



Original Color
427B61

Achromatopsia
676767

Achromatomaly
5A6E65

CSS Examples

Text

The CSS property to change the color of the text to Hex 427B61 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 #427B61 looks like.

```
.text, #text, p{  
    color:#427B61  
}
```

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 #427B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427B61
}
```

Border

The CSS property to change the border of an element to Hex 427B61 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
#427B61 }
```

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

```
.border{ border-color:#427B61 }
```

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

Here you see how a box with a 4 pixel #427B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427B61; -webkit-box-shadow:4px 4px  
4px 4px #427B61; box-shadow:4px 4px 4px  
4px #427B61 }
```

Background

The CSS property to change the background color of an element to Hex 427B61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427B61 }
```

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

```
.background{ background-color:#427B61 }
```

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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