

Converting Colors

Hex(427877)

Have a look what the booklet for
Hex(427877) contains.

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Color

Hex(427877)

Conversions

Conversions Part 1

Format	Color
Hex	427877
RGB	66, 120, 119
RGB Percent	26%, 47%, 47%
CMY	0.7412, 0.5294, 0.5333
CMYK	0.45, 0.00, 0.01, 0.53
HSL	179°, 29%, 36%
HSV	179°, 45%, 47%
XYZ	12.2930, 15.9231, 19.8783
YIQ	103.7400, -31.8630, -11.7590

Conversions

Conversions Part 2

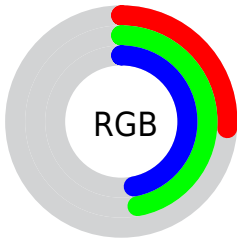
Format	Color
R_{YB}	66, 93, 120
Decimal	4356215
CIE _{Lab}	46.87, -18.15, -5.06
CIE _{LCh}	47, 18.839, 195.567
Yxy	15.9231, 0.2556, 0.3311
Android (android.graphics.Color)	4282546295 (0xFF427877)
YUV	103.7400, 7.5232, -33.0980
Hunter-Lab	39.9038, -14.8417, -1.6031

Details

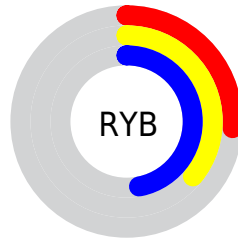
The Hex color `427877` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `784243`, and the grayscale version is `686868`.

A 20% lighter version of the original color is `76ACAB`, and `0A4747` is the 20% darker color. If you saturate the color by 10%, you get `367877`, and if you desaturate by 10%, it is `4E7877`.

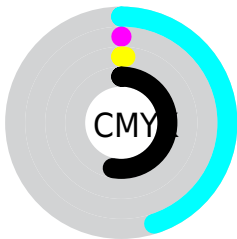
Distribution



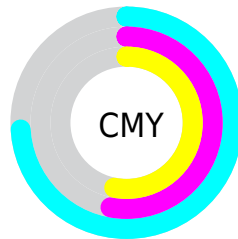
- Red (26%)
- Green (47%)
- Blue (47%)



- Red (26%)
- Yellow (36%)
- Blue (47%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (53%)



- Cyan (74%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427877 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 427877 by changing the saturation by 10% instead.



427877



427877

FFFFFF



285F5E



76ACAB



0A4747



90C8C6



003030



ACE4E2



001D1B



C8FFFF



000000



E4FFFF



427877



427877



367877



4E7877



2A7877



5A7877

■ 1E7876

■ 667878

■ 127876

■ 727878

■ 067876

■ 7E7878

■ 007876

■ 8A7878

■ 967879

■ A27879

■ AE7879

Harmonies

Analogous

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



4F7767



427877



427685

Triad

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



427877



7C6885



826B51

Complementary

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



427877



784243

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.



8C6759



427877



8A6477

Square

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



427877



676E8D



8F6467



727151

Rectangle

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



427877



4B748B



8F6467



866A53

Sweetspot

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



427877



869C9B



447842



424F4F



CFCFCF



4F4F4F

Same Dimension

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



427877



489C9A



425F78



373D3D



007D7B



00FCF8

Inverse Universe

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



784243



9C4849



785B42



3D3737



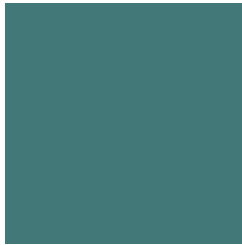
7D0002



FC0005

Previews

White Background



This preview shows how the Hex color 427877 looks on a white background.

Color Contrast Check

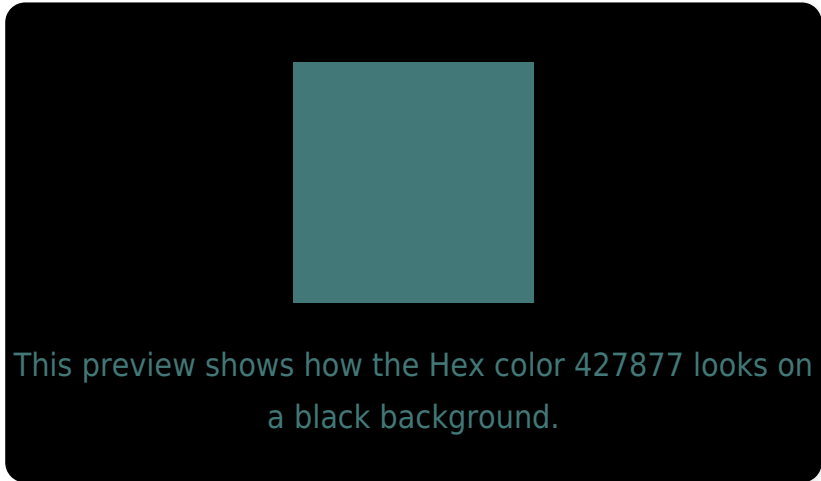
Large Text (above 18pt) WCAG AA ✓ Pass

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

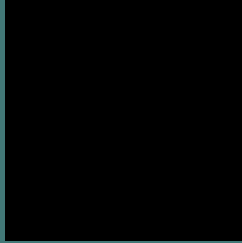
Any Text WCAG AA × Fail

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 427877 Background



This preview shows how black text looks on a background with the Hex color 427877.

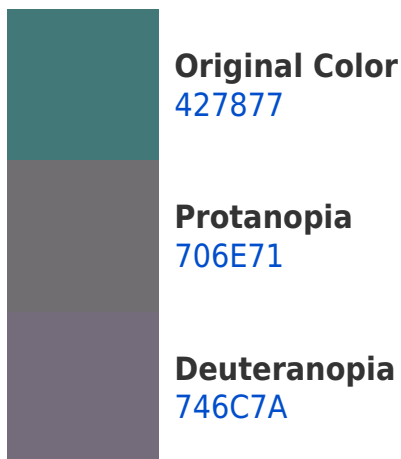


This preview shows how white text looks on a background with the Hex color 427877.

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](#).

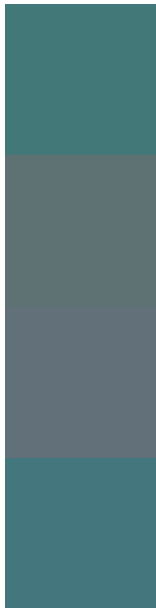
Dichromacy





Tritanopia
457780

Trichromacy



Original Color
427877

Protanomaly
5F7273

Deuteranomaly
627079

Tritanomaly
44777D

Monochromacy



Original Color
427877

Achromatopsia
686868

Achromatomaly
5A6E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 427877 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 #427877 looks like.

```
.text, #text, p{  
    color:#427877  
}
```

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 #427877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427877  
}
```

Border

The CSS property to change the border of an element to Hex 427877 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  
#427877 }
```

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

```
.border{ border-color:#427877 }
```

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

Here you see how a box with a 4 pixel #427877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427877; -webkit-box-shadow:4px 4px  
4px 4px #427877; box-shadow:4px 4px 4px  
4px #427877 }
```

Background

The CSS property to change the background color of an element to Hex 427877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427877 }
```

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

```
.background{ background-color:#427877 }
```

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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