

Converting Colors

Hex(427277)

Have a look what the booklet for
Hex(427277) contains.

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Color

Hex(427277)

Conversions

Conversions Part 1

Format	Color
Hex	427277
RGB	66, 114, 119
RGB Percent	26%, 45%, 47%
CMY	0.7412, 0.5529, 0.5333
CMYK	0.45, 0.04, 0.00, 0.53
HSL	186°, 29%, 36%
HSV	186°, 45%, 47%
XYZ	11.5939, 14.5248, 19.6453
YIQ	100.2180, -30.2130, -8.6210

Conversions

Conversions Part 2

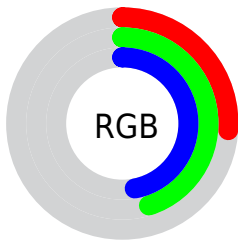
Format	Color
RYB	66, 91, 119
Decimal	4354679
CIELab	44.98, -14.86, -7.88
CIELCh	45, 16.820, 207.943
Yxy	14.5248, 0.2533, 0.3174
Android (android.graphics.Color)	4282544759 (0xFF427277)
YUV	100.2180, 9.2595, -30.0092
Hunter-Lab	38.1114, -12.3935, -3.8842

Details

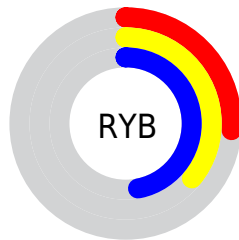
The Hex color **427277** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774742**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **75A6AB**, and **0C4247** is the 20% darker color. If you saturate the color by 10%, you get **367177**, and if you desaturate by 10%, it is **4E7377**.

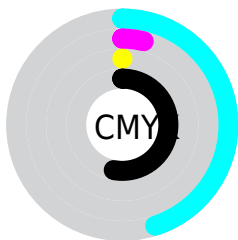
Distribution



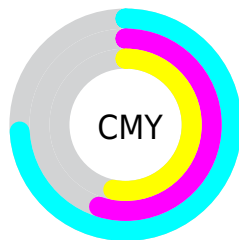
- Red (26%)
- Green (45%)
- Blue (47%)



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



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (53%)



- Cyan (74%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427277 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 427277 by changing the saturation by 10% instead.

■ 427277

■ 427277

FFFFFF

■ 29595E

■ 75A6AB

■ 0C4247

■ 90C1C6

■ 002C30

■ ABDDE2

■ 00181B

■ C7FAFF

■ 000000

■ E3FFFF

■ 427277

■ 427277

■ 367177

■ 4E7377

■ 2A7077

■ 5A7477

■ 1E6F77

■ 667577

■ 126E77

■ 727677

■ 076C77

■ 7E7877

■ 006C77

■ 897977

■ 957A77

■ A17B77

■ AD7C77

Harmonies

Analogous

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



497269



427277



487082

Triad

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



427277



7C6379



76694F

Complementary

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



427277



774742

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.



816553



427277



85606C

Square

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



427277



6B6783



87615E



676E51

Rectangle

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



427277



526D85



87615E



7A684F

Sweetspot

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



427277



879A9C



427746



424E4F



CFCFCF



4F4F4F

Same Dimension

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



427277



49949C



425877



353A3B



006F7A



00E2FA

Inverse Universe

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



774272



9C4994



776142



3B353A



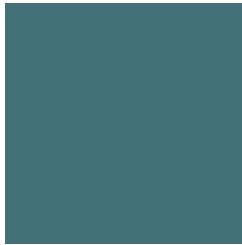
7A006F



FA00E2

Previews

White Background



This preview shows how the Hex color 427277 looks on a white background.

Color Contrast Check

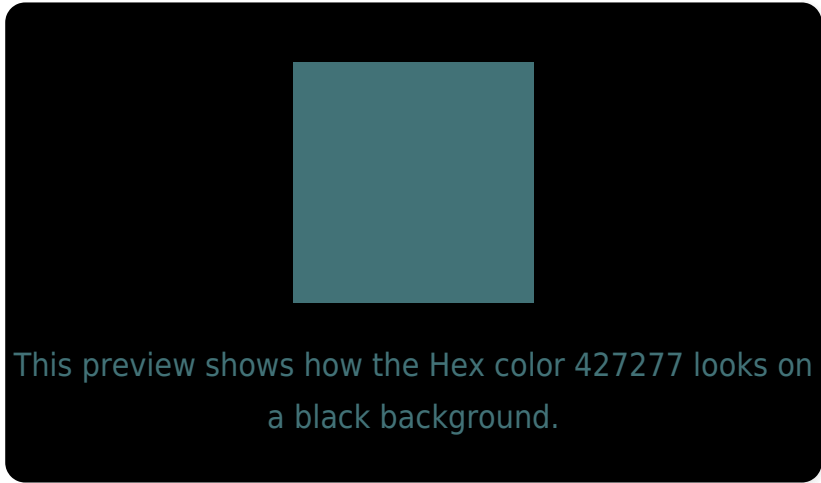
Large Text (above 18pt) WCAG AA ✓ Pass

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

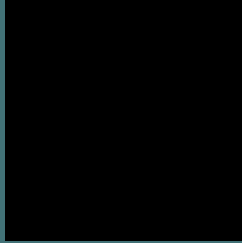
Any Text WCAG AA × Fail

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 427277 Background



This preview shows how black text looks on a background with the Hex color 427277.

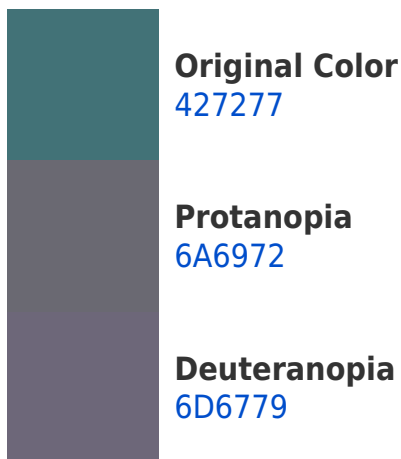


This preview shows how white text looks on a background with the Hex color 427277.

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](#).

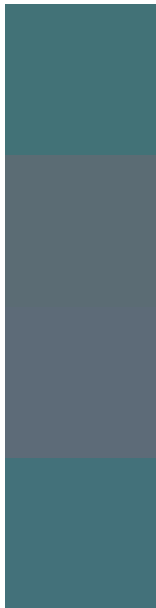
Dichromacy





Tritanopia
43717B

Trichromacy



Original Color

427277

Protanomaly

5B6C74

Deuteranomaly

5D6B78

Tritanomaly

43717A

Monochromacy



Original Color

427277

Achromatopsia

646464

Achromatomaly

58696B

CSS Examples

Text

The CSS property to change the color of the text to Hex 427277 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 #427277 looks like.

```
.text, #text, p{  
    color:#427277  
}
```

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 #427277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427277  
}
```

Border

The CSS property to change the border of an element to Hex 427277 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  
#427277 }
```

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

```
.border{ border-color:#427277 }
```

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

Here you see how a box with a 4 pixel #427277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427277; -webkit-box-shadow:4px 4px  
4px 4px #427277; box-shadow:4px 4px 4px  
4px #427277 }
```

Background

The CSS property to change the background color of an element to Hex 427277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427277 }
```

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

```
.background{ background-color:#427277 }
```

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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