

Converting Colors

Hex(427888)

Have a look what the booklet for
Hex(427888) contains.

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Color

Hex(427888)

Conversions

Conversions Part 1

Format	Color
Hex	427888
RGB	66, 120, 136
RGB Percent	26%, 47%, 53%
CMY	0.7412, 0.5294, 0.4667
CMYK	0.51, 0.12, 0.00, 0.47
HSL	194°, 35%, 40%
HSV	194°, 51%, 53%
XYZ	13.4072, 16.3688, 25.7454
YIQ	105.6780, -37.3200, -6.4720

Conversions

Conversions Part 2

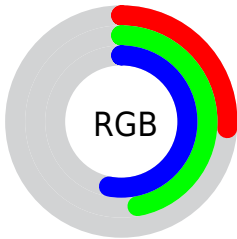
Format	Color
R _{YB}	66, 96, 136
Decimal	4356232
CIE Lab	47.45, -13.23, -14.27
CIE LCh	47, 19.461, 227.155
Yxy	16.3688, 0.2415, 0.2948
Android (android.graphics.Color)	4282546312 (0xFF427888)
YUV	105.6780, 14.9487, -34.7976
Hunter-Lab	40.4583, -11.6504, -9.4080

Details

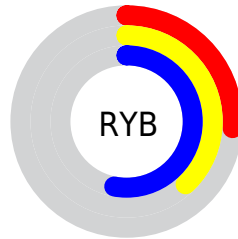
The Hex color **427888** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **885242**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **77ACBD**, and **034756** is the 20% darker color. If you saturate the color by 10%, you get **347588**, and if you desaturate by 10%, it is **507B88**.

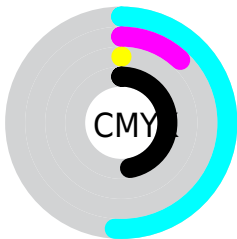
Distribution



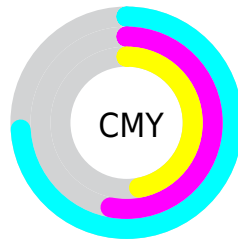
- Red (26%)
- Green (47%)
- Blue (53%)



- Red (26%)
- Yellow (38%)
- Blue (53%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (47%)



- Cyan (74%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427888 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 427888 by changing the saturation by 10% instead.

■ 427888

■ 427888

FFFFFF

■ 275F6F

■ 77ACBD

■ 034756

■ 92C8D9

■ 00313F

■ ADE4F6

■ 001C29

■ CAFFFF

■ 000115

■ E6FFFF

■ 000000

■ 427888

■ 427888

■ 347588

■ 507B88

■ 277288

■ 5D7E88

■ 196F88

■ 6B8188

■ 0C6C88

■ 788488

■ 006988

■ 868888

■ 948B88

■ A18E88

■ AF9188

■ BC9488

Harmonies

Analogous

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



417A7A



427888



527490

Triad

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



427888



8D6578



737251

Complementary

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



427888



885242

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.



836D51



427888



926568

Square

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



427888



7F6987



8E6859



60775A

Rectangle

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



427888



627191



8E6859



797150

Sweetspot

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



427888



96AAB0



428851



495659



D9D9D9



595959

Same Dimension

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



427888



4397B0



425688



3E4345



006685



000405

Inverse Universe

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



884278



B04397



887442



453E43



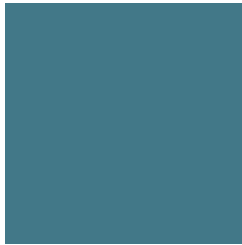
850066



050004

Previews

White Background



This preview shows how the Hex color 427888 looks on a white background.

Color Contrast Check

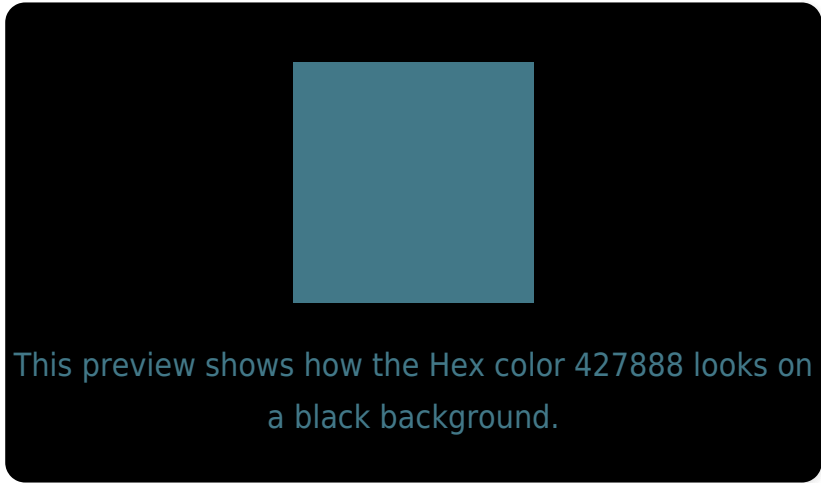
Large Text (above 18pt) WCAG AA ✓ Pass

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

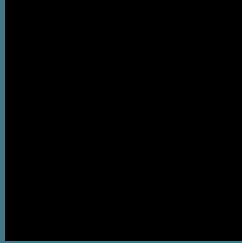
Any Text WCAG AA × Fail

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 427888 Background



This preview shows how black text looks on a background with the Hex color 427888.

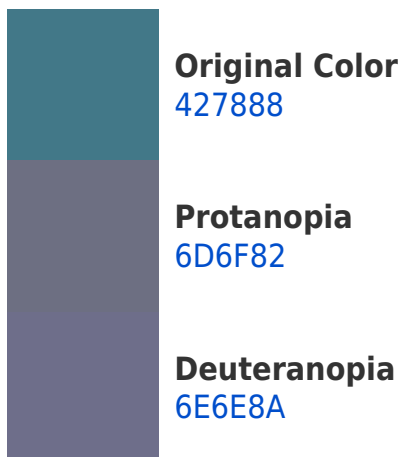


This preview shows how white text looks on a background with the Hex color 427888.

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
407983

Trichromacy



Original Color
427888

Protanomaly
5D7284

Deuteranomaly
5E7289

Tritanomaly
417985

Monochromacy



Original Color
427888

Achromatopsia
6A6A6A

Achromatomaly
5B6F75

CSS Examples

Text

The CSS property to change the color of the text to Hex 427888 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 #427888 looks like.

```
.text, #text, p{  
    color:#427888  
}
```

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 #427888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427888
}
```

Border

The CSS property to change the border of an element to Hex 427888 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
#427888 }
```

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

```
.border{ border-color:#427888 }
```

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

Here you see how a box with a 4 pixel #427888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427888; -webkit-box-shadow:4px 4px  
4px 4px #427888; box-shadow:4px 4px 4px  
4px #427888 }
```

Background

The CSS property to change the background color of an element to Hex 427888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427888 }
```

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

```
.background{ background-color:#427888 }
```

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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