

Converting Colors

Hex(427276)

Have a look what the booklet for
Hex(427276) contains.

Hex(427276)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(427276)

Conversions

Conversions Part 1

Format	Color
Hex	427276
RGB	66, 114, 118
RGB Percent	26%, 45%, 46%
CMY	0.7412, 0.5529, 0.5373
CMYK	0.44, 0.03, 0.00, 0.54
HSL	185°, 28%, 36%
HSV	185°, 44%, 46%
XYZ	11.5341, 14.5009, 19.3306
YIQ	100.1040, -29.8920, -8.9320

Conversions

Conversions Part 2

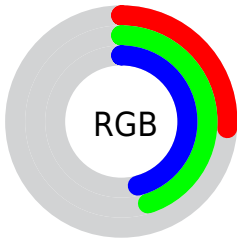
Format	Color
R_{YB}	66, 91, 118
Decimal	4354678
CIE _{Lab}	44.94, -15.14, -7.33
CIE _{LCh}	45, 16.823, 205.840
Yxy	14.5009, 0.2542, 0.3196
Android (android.graphics.Color)	4282544758 (0xFF427276)
YUV	100.1040, 8.8227, -29.9092
Hunter-Lab	38.0800, -12.5740, -3.4414

Details

The Hex color **427276** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764642**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **75A6AA**, and **0C4246** is the 20% darker color. If you saturate the color by 10%, you get **367176**, and if you desaturate by 10%, it is **4E7376**.

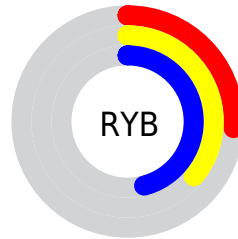
Distribution



Red (26%)

Green (45%)

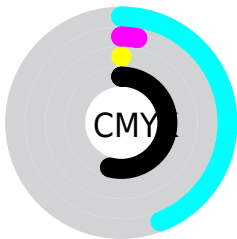
Blue (46%)



Red (26%)

Yellow (36%)

Blue (46%)

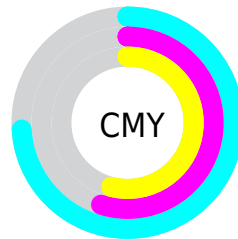


Cyan (44%)

Magenta (3%)

Yellow (0%)

Black (54%)



Cyan (74%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427276 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 427276 by changing the saturation by 10% instead.

■ 427276

■ 427276

FFFFFF

■ 29595D

■ 75A6AA

■ 0C4246

■ 90C1C5

■ 002C2F

■ ABDDE1

■ 00181B

■ C7FAFE

■ 000000

■ E3FFFF

■ 427276

■ 427276

■ 367176

■ 4E7376

■ 2A7076

■ 5A7476

1F6F76

657576

136E76

717676

076D76

7D7776

006D76

897776

957876

A07976

AC7A76

Harmonies

Analogous

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



497268



427276



477081

Triad

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



427276



7B637A



77694F

Complementary

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



427276



764642

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.



826454



427276



85606D

Square

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



427276



6A6783



87615F



686D51

Rectangle

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



427276



516E85



87615F



7B674F

Sweetspot

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



427276



859799



427645



404C4D



CCCCCC



4D4D4D

Same Dimension

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



427276



489399



425976



353A3B



00717A



00E7FA

Inverse Universe

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



764272



994893



765F42



3B353A



7A0071



FA00E7

Previews

White Background



This preview shows how the Hex color 427276 looks on a white background.

Color Contrast Check

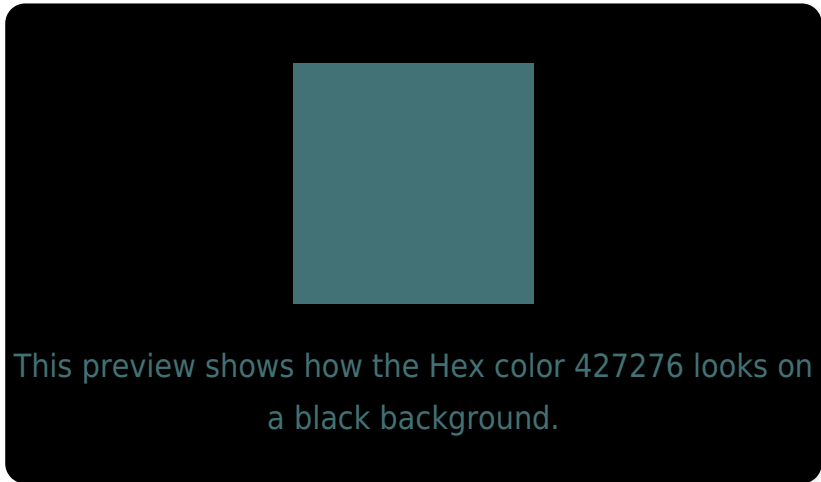
Large Text (above 18pt) WCAG AA ✓ Pass

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

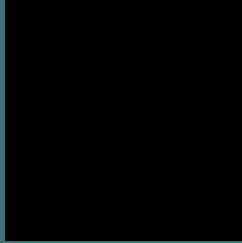
Any Text WCAG AA × Fail

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 427276 Background



This preview shows how black text looks on a background with the Hex color 427276.

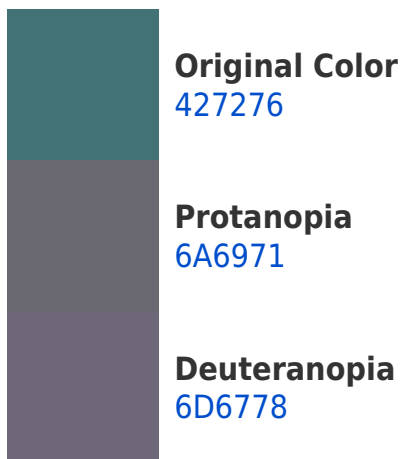


This preview shows how white text looks on a background with the Hex color 427276.

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](#).

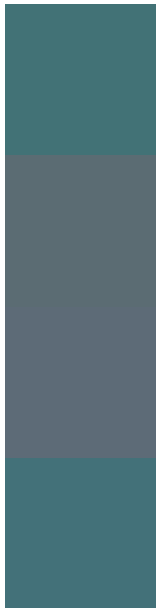
Dichromacy





Tritanopia
43717A

Trichromacy



Original Color
427276

Protanomaly
5B6C73

Deuteranomaly
5D6B77

Tritanomaly
437179

Monochromacy



Original Color
427276

Achromatopsia
646464

Achromatomaly
58696B

CSS Examples

Text

The CSS property to change the color of the text to Hex 427276 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 #427276 looks like.

```
.text, #text, p{  
    color:#427276  
}
```

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 #427276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427276  
}
```

Border

The CSS property to change the border of an element to Hex 427276 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  
#427276 }
```

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

```
.border{ border-color:#427276 }
```

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

Here you see how a box with a 4 pixel #427276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427276; -webkit-box-shadow:4px 4px  
4px 4px #427276; box-shadow:4px 4px 4px  
4px #427276 }
```

Background

The CSS property to change the background color of an element to Hex 427276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427276 }
```

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

```
.background{ background-color:#427276 }
```

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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