

Converting Colors

Hex(427162)

Have a look what the booklet for
Hex(427162) contains.

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Color

Hex(427162)

Conversions

Conversions Part 1

Format	Color
Hex	427162
RGB	66, 113, 98
RGB Percent	26%, 44%, 38%
CMY	0.7412, 0.5569, 0.6157
CMYK	0.42, 0.00, 0.13, 0.56
HSL	161°, 26%, 35%
HSV	161°, 42%, 44%
XYZ	10.3565, 13.8503, 13.6828
YIQ	97.2370, -23.1970, -14.6290

Conversions

Conversions Part 2

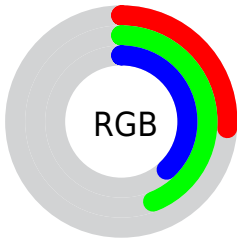
Format	Color
RYB	66, 94, 113
Decimal	4354402
CIELab	44.02, -19.88, 3.30
CIELCh	44, 20.154, 170.572
Yxy	13.8503, 0.2733, 0.3655
Android (android.graphics.Color)	4282544482 (0xFF427162)
YUV	97.2370, 0.3762, -27.3948
Hunter-Lab	37.2161, -15.4550, 4.2527

Details

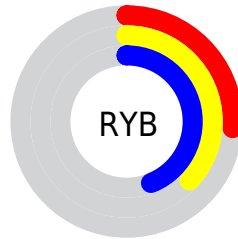
The Hex color `427162` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `714251`, and the grayscale version is `616161`.

A 20% lighter version of the original color is `74A595`, and `104134` is the 20% darker color. If you saturate the color by 10%, you get `37715E`, and if you desaturate by 10%, it is `4D7166`.

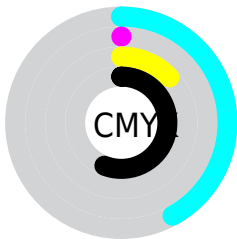
Distribution



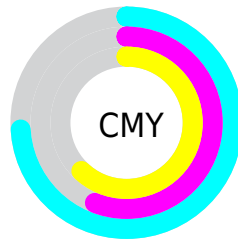
- Red (26%)
- Green (44%)
- Blue (38%)



- Red (26%)
- Yellow (37%)
- Blue (44%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (56%)



- Cyan (74%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427162 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 427162 by changing the saturation by 10% instead.

 427162

 427162

FFFFFF

 2A584A

 74A595

 104134

 8FC0AF

 002A1F

 AADCCB

 001706

 C5F9E7

 000000

 E2FFFF

 427162

 427162

 37715E

 4D7166

 2B715B

 597169

■ 207157

■ 64716D

■ 157154

■ 6F7170

■ 0A7150

■ 7B7174

■ 00714D

■ 867178

■ 91717B

■ 9C717F

■ A87182

Harmonies

Analogous

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



556F52



427162



357173

Triad

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



427162



636687



85604F

Complementary

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



427162



714251

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.



8A5C5D



427162



78607D

Square

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



427162



4B6B89



865C6E



796547

Rectangle

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



427162



34707D



865C6E



875E53

Sweetspot

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



427162



82948E



527142



404A47



C9C9C9



4A4A4A

Same Dimension

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



427162



4A947C



426971



323836



007852



00F7A8

Inverse Universe

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



714251



944A62



714A42



383234



780026



F7004F

Previews

White Background



This preview shows how the Hex color 427162 looks on a white background.

Color Contrast Check

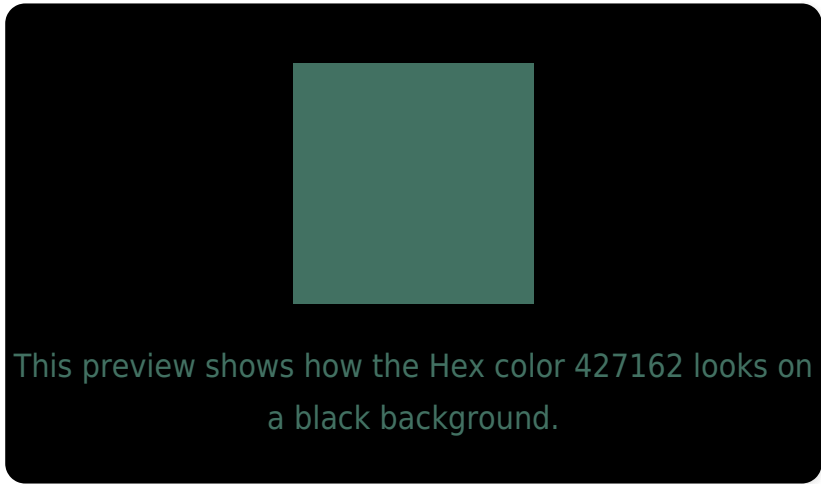
Large Text (above 18pt) WCAG AA ✓ Pass

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

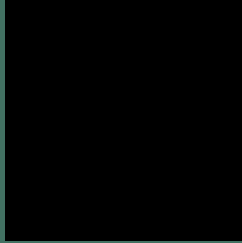
Any Text WCAG AA × Fail

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 427162 Background



This preview shows how black text looks on a background with the Hex color 427162.

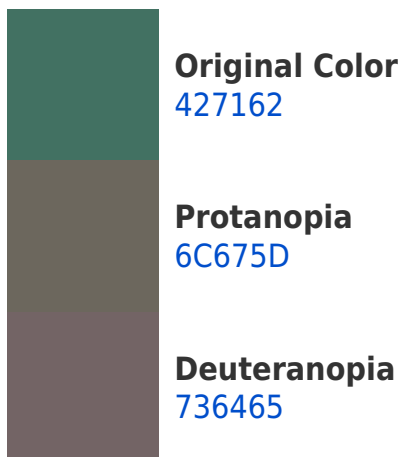


This preview shows how white text looks on a background with the Hex color 427162.

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
476E77

Trichromacy



Original Color
427162

Protanomaly
5D6B5F

Deuteranomaly
616964

Tritanomaly
456F6F

Monochromacy



Original Color
427162

Achromatopsia
616161

Achromatomaly
566761

CSS Examples

Text

The CSS property to change the color of the text to Hex 427162 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 #427162 looks like.

```
.text, #text, p{  
    color:#427162  
}
```

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 #427162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427162
}
```

Border

The CSS property to change the border of an element to Hex 427162 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
#427162 }
```

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

```
.border{ border-color:#427162 }
```

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

Here you see how a box with a 4 pixel #427162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427162; -webkit-box-shadow:4px 4px  
4px 4px #427162; box-shadow:4px 4px 4px  
4px #427162 }
```

Background

The CSS property to change the background color of an element to Hex 427162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427162 }
```

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

```
.background{ background-color:#427162 }
```

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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