

Converting Colors

Hex(427583)

Have a look what the booklet for
Hex(427583) contains.

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Color

Hex(427583)

Conversions

Conversions Part 1

Format	Color
Hex	427583
RGB	66, 117, 131
RGB Percent	26%, 46%, 51%
CMY	0.7412, 0.5412, 0.4863
CMYK	0.50, 0.11, 0.00, 0.49
HSL	193°, 33%, 39%
HSV	193°, 50%, 51%
XYZ	12.7048, 15.5195, 23.7987
YIQ	103.3470, -34.8900, -6.4580

Conversions

Conversions Part 2

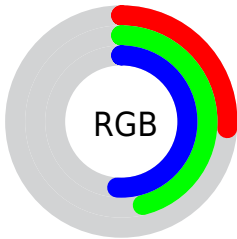
Format	Color
R_{YB}	66, 95, 131
Decimal	4355459
CIE _{Lab}	46.34, -13.05, -13.00
CIE _{LCh}	46, 18.415, 224.887
Yxy	15.5195, 0.2442, 0.2983
Android (android.graphics.Color)	4282545539 (0xFF427583)
YUV	103.3470, 13.6329, -32.7533
Hunter-Lab	39.3948, -11.3749, -8.2411

Details

The Hex color **427583** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **835042**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **76A9B8**, and **074552** is the 20% darker color. If you saturate the color by 10%, you get **357283**, and if you desaturate by 10%, it is **4F7883**.

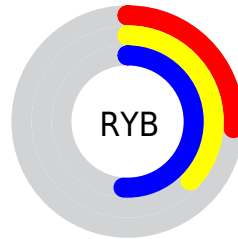
Distribution



Red (26%)

Green (46%)

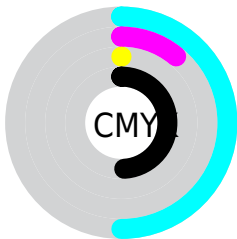
Blue (51%)



Red (26%)

Yellow (37%)

Blue (51%)

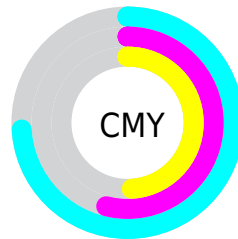


Cyan (50%)

Magenta (11%)

Yellow (0%)

Black (49%)



Cyan (74%)

Magenta (54%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427583 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 427583 by changing the saturation by 10% instead.

 427583

 427583

FFFFFF

 285C6A

 76A9B8

 074552

 91C4D4

 002E3B

 ADE0F0

 001A25

 C9FDFF

 00010F

 E5FFFF

 000000

 427583

 427583

 357283

 4F7883

 286F83

 5C7B83

1B6D83

697D83

0E6A83

768083

016783

848383

006783

918683

9E8983

AB8C83

B88E83

Harmonies

Analogous

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



427675



427583



50728B

Triad

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



427583



886376



716F50

Complementary

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



427583



835042

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.



806A50



427583



8D6367

Square

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



427583



7A6784



8A6559



607358

Rectangle

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



427583



5E6E8C



8A6559



776E4F

Sweetspot

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



427583



91A5AB



42834F



475357



D6D6D6



575757

Same Dimension

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



427583



4495AB



425683



3C4142



006682



000203

Inverse Universe

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



834275



AB4495



837042



423C41



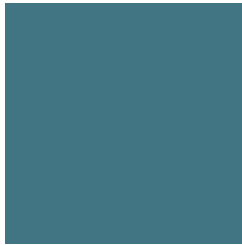
820066



030002

Previews

White Background



This preview shows how the Hex color 427583 looks on a white background.

Color Contrast Check

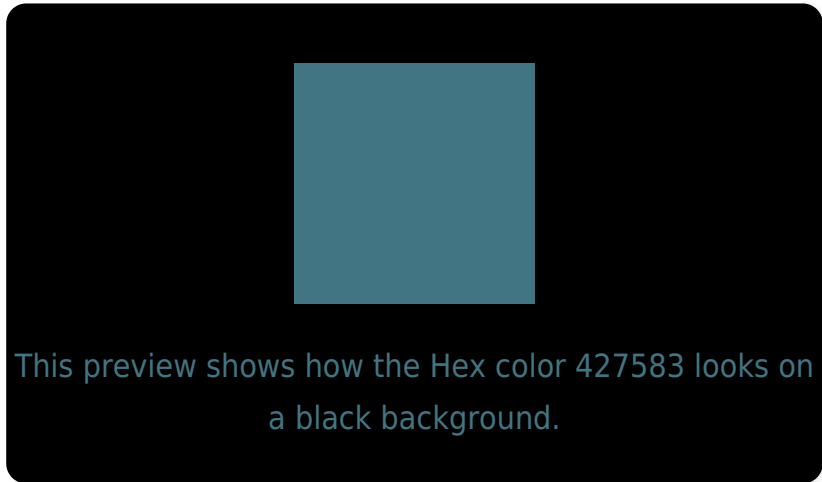
Large Text (above 18pt) WCAG AA ✓ Pass

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

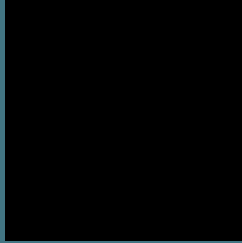
Any Text WCAG AA × Fail

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 427583 Background



This preview shows how black text looks on a background with the Hex color 427583.

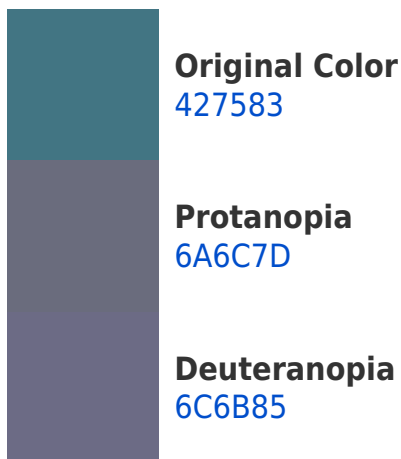



This preview shows how white text looks on a background with the Hex color 427583.

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](#).

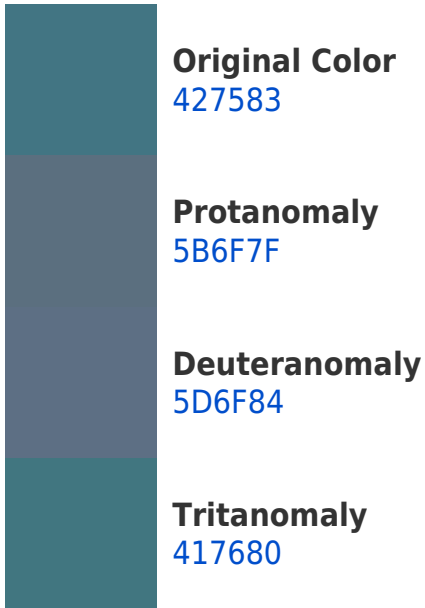
Dichromacy



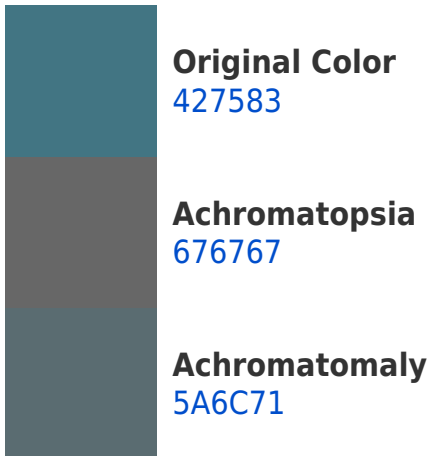


Tritanopia
41767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 427583 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 #427583 looks like.

```
.text, #text, p{  
    color:#427583  
}
```

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 #427583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427583
}
```

Border

The CSS property to change the border of an element to Hex 427583 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
#427583 }
```

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

```
.border{ border-color:#427583 }
```

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

Here you see how a box with a 4 pixel #427583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427583; -webkit-box-shadow:4px 4px  
4px 4px #427583; box-shadow:4px 4px 4px  
4px #427583 }
```

Background

The CSS property to change the background color of an element to Hex 427583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427583 }
```

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

```
.background{ background-color:#427583 }
```

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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