

# Converting Colors

Hex(427560)

Have a look what the booklet for  
Hex(427560) contains.

<b>Hex(427560)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(427560)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	427560
RGB	66, 117, 96
RGB Percent	26%, 46%, 38%
CMY	0.7412, 0.5412, 0.6235
CMYK	0.44, 0.00, 0.18, 0.54
HSL	155°, 28%, 36%
HSV	155°, 44%, 46%
XYZ	10.7194, 14.7254, 13.3436
YIQ	99.3570, -23.6550, -17.3430

# Conversions

## Conversions Part 2

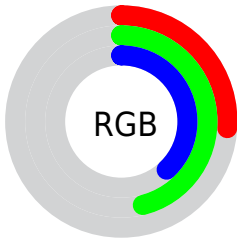
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 98, 117
Decimal	4355424
CIELab	45.26, -22.46, 6.27
CIELCh	45, 23.320, 164.401
Yxy	14.7254, 0.2764, 0.3796
Android (android.graphics.Color)	4282545504 (0xFF427560)
YUV	99.3570, -1.6550, -29.2541
Hunter-Lab	38.3736, -17.2913, 6.2447

# Details

The Hex color **427560** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **754257**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **75A992**, and **0F4432** is the 20% darker color. If you saturate the color by 10%, you get **36755B**, and if you desaturate by 10%, it is **4E7565**.

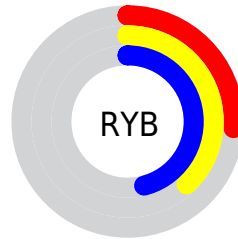
# Distribution



Red (26%)

Green (46%)

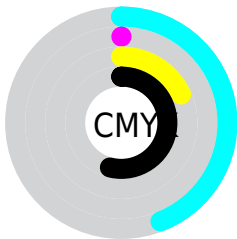
Blue (38%)



Red (26%)

Yellow (38%)

Blue (46%)

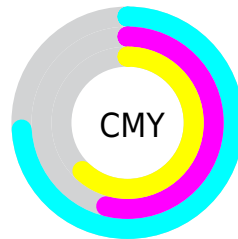


Cyan (44%)

Magenta (0%)

Yellow (18%)

Black (54%)



Cyan (74%)

Magenta (54%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 427560 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 427560 by changing the saturation by 10% instead.



 427560

 427560

FFFFFF

 295C48

 75A992

 0F4432

 8FC5AD

 002E1D

 AAE1C8

 001B03

 C6FEE4

 000000

 E2FFFF

 427560

 427560

 36755B

 4E7565

 2B7556

 59756A

■ 1F7552

■ 65756E

■ 13754D

■ 717573

■ 077548

■ 7D7578

■ 007545

■ 88757D

■ 947582

■ A07587

■ AB758B

# Harmonies

## Analogous

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



59724F



427560



2D7674

# Triad

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



427560



5F6A91



8E6051

# Complementary

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



427560



754257

# 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.



925D62



427560



796387

# Square

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



427560



417090



8B5E76



816646

# Rectangle

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



427560



287580



8B5E76



905F56



# Sweetspot

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



427560



859991



577542



404D47



CCCCCC



4D4D4D



# Same Dimension

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



427560



499978



427175



353B38



007A48



00FA93



# Inverse Universe

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



754257



99496A



754642



3B3537



7A0032



FA0067



# Previews

## White Background



This preview shows how the Hex color 427560 looks on a white background.

## Color Contrast Check

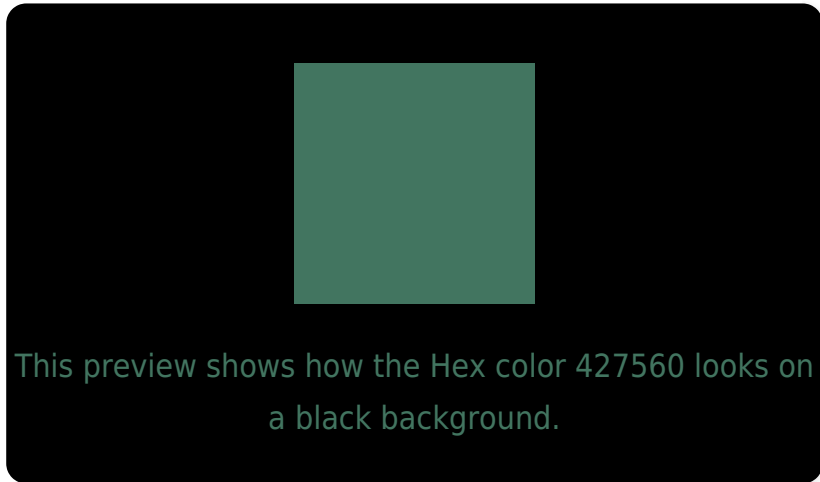
Large Text (above 18pt) WCAG AA ✓ Pass

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

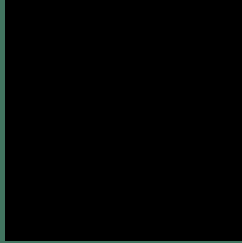
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 427560 Background



This preview shows how black text looks on a background with the Hex color 427560.



This preview shows how white text looks on a background with the Hex color 427560.

# 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



**Original Color**  
427560

**Protanopia**  
706A5B

**Deuteranopia**  
786763



**Tritanopia**  
49717A

# Trichromacy



**Original Color**  
427560

**Protanomaly**  
5F6E5D

**Deuteranomaly**  
646C62

**Tritanomaly**  
467271

# Monochromacy



**Original Color**  
427560

**Achromatopsia**  
636363

**Achromatomaly**  
576A62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 427560 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 #427560 looks like.

```
.text, #text, p{  
    color:#427560  
}
```

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 #427560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427560
}
```

## Border

The CSS property to change the border of an element to Hex 427560 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
#427560 }
```

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

```
.border{ border-color:#427560 }
```

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

Here you see how a box with a 4 pixel #427560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427560; -webkit-box-shadow:4px 4px  
4px 4px #427560; box-shadow:4px 4px 4px  
4px #427560 }
```

# Background

The CSS property to change the background color of an element to Hex 427560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427560 }
```

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

```
.background{ background-color:#427560 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor