

# Converting Colors

Hex(3C7277)

Have a look what the booklet for  
Hex(3C7277) contains.

<b>Hex(3C7277)</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(3C7277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C7277
RGB	60, 114, 119
RGB Percent	24%, 45%, 47%
CMY	0.7647, 0.5529, 0.5333
CMYK	0.50, 0.04, 0.00, 0.53
HSL	185°, 33%, 35%
HSV	185°, 50%, 47%
XYZ	11.2106, 14.3272, 19.6273
YIQ	98.4240, -33.7890, -9.8930

# Conversions

## Conversions Part 2

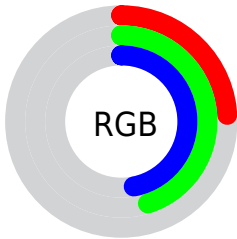
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 88, 119
Decimal	3961463
CIELab	44.70, -16.42, -8.33
CIELCh	45, 18.414, 206.882
Yxy	14.3272, 0.2482, 0.3172
Android (android.graphics.Color)	4282151543 (0xFF3C7277)
YUV	98.4240, 10.1440, -33.6978
Hunter-Lab	37.8513, -13.3727, -4.2482

# Details

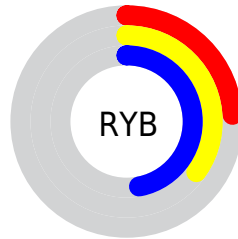
The Hex color **3C7277** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77413C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **70A6AB**, and **004247** is the 20% darker color. If you saturate the color by 10%, you get **307177**, and if you desaturate by 10%, it is **487377**.

# Distribution



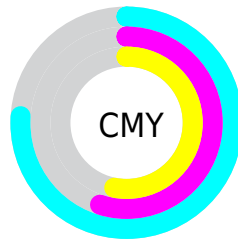
- Red (24%)
- Green (45%)
- Blue (47%)



- Red (24%)
- Yellow (35%)
- Blue (47%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (55%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C7277 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 3C7277 by changing the saturation by 10% instead.





3C7277



3C7277

FFFFFF



21595E



70A6AB



004247



8BC1C6



002B30



A6DDE2



00181B



C2FAFF



000000



DEFFFF



FBFFFF



3C7277



3C7277



307177



487377

■ 247077

■ 547477

■ 186F77

■ 607577

■ 0C6E77

■ 6C7677

■ 006D77

■ 777777

■ 837877

■ 8F7977

■ 9B7A77

■ A77B77

# Harmonies

## Analogous

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



457268



3C7277



427083

# Triad

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



3C7277



7C617B



76684B

# Complementary

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



3C7277



77413C

# 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.



836351



3C7277



875F6C

# Square

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



3C7277



6A6685



895F5D



666D4E

# Rectangle

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



3C7277



4E6D87



895F5D



7B664C



# Sweetspot

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



3C7277



849A9C



3C7741



414E4F



CFCFCF



4F4F4F



# Same Dimension

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



3C7277



40949C



3C5577



353A3B



00707A



00E5FA



# Inverse Universe

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



773C72



9C4094



775E3C



3B353A



7A0070

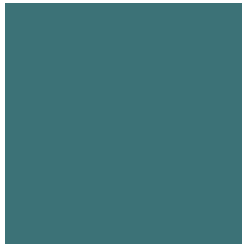


FA00E5



# Previews

## White Background



This preview shows how the Hex color 3C7277 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

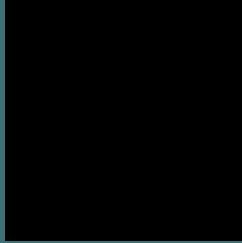
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C7277 Background



This preview shows how black text looks on a background with the Hex color 3C7277.



This preview shows how white text looks on a background with the Hex color 3C7277.

# 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](#).

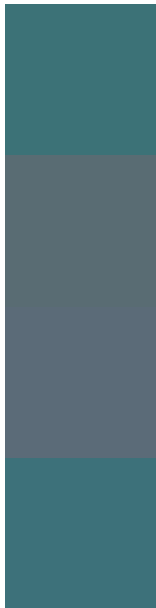
## Dichromacy





**Tritanopia**  
3D717B

# Trichromacy



**Original Color**  
3C7277

**Protanomaly**  
596C73

**Deuteranomaly**  
5B6B78

**Tritanomaly**  
3D717A

# Monochromacy



**Original Color**  
3C7277

**Achromatopsia**  
626262

**Achromatomaly**  
54686A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C7277 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 #3C7277 looks like.

```
.text, #text, p{  
    color:#3C7277  
}
```

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 #3C7277 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7277
}
```

## Border

The CSS property to change the border of an element to Hex 3C7277 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
#3C7277 }
```

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

```
.border{ border-color:#3C7277 }
```

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

Here you see how a box with a 4 pixel #3C7277 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7277; -webkit-box-shadow:4px 4px  
4px 4px #3C7277; box-shadow:4px 4px 4px  
4px #3C7277 }
```

# Background

The CSS property to change the background color of an element to Hex 3C7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7277 }
```

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

```
.background{ background-color:#3C7277 }
```

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