

Converting Colors

Hex(77ACC4)

Have a look what the booklet for
Hex(77ACC4) contains.

Hex(77ACC4)	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(77ACC4)

Conversions

Conversions Part 1

Format	Color
Hex	77ACC4
RGB	119, 172, 196
RGB Percent	47%, 67%, 77%
CMY	0.5333, 0.3255, 0.2314
CMYK	0.39, 0.12, 0.00, 0.23
HSL	199°, 39%, 62%
HSV	199°, 39%, 77%
XYZ	32.3241, 37.4125, 57.7422
YIQ	158.8890, -39.2920, -3.7720

Conversions

Conversions Part 2

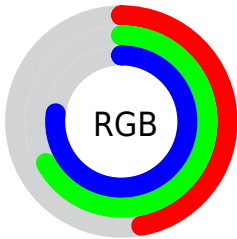
Format	Color
R _Y B	119, 150, 196
Decimal	7843012
CIE Lab	67.59, -11.28, -17.77
CIE LCh	68, 21.048, 237.607
Yxy	37.4125, 0.2536, 0.2935
Android (android.graphics.Color)	4286033092 (0xFF77ACC4)
YUV	158.8890, 18.2957, -34.9827
Hunter-Lab	61.1658, -12.7088, -13.1554

Details

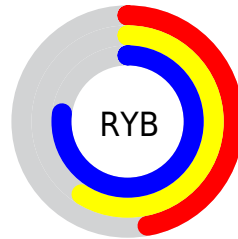
The Hex color **77ACC4** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C48F77**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **AEE3FD**, and **42788E** is the 20% darker color. If you saturate the color by 10%, you get **63A6C4**, and if you desaturate by 10%, it is **8BB2C4**.

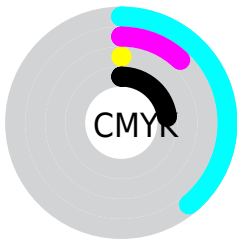
Distribution



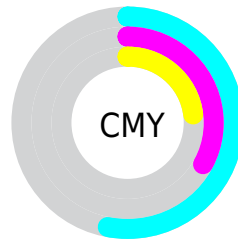
- Red (47%)
- Green (67%)
- Blue (77%)



- Red (47%)
- Yellow (59%)
- Blue (77%)



- Cyan (39%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)



- Cyan (53%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77ACC4 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 77ACC4 by changing the saturation by 10% instead.

 77ACC4

 77ACC4

FFFFFF

 5C91A9

 AEE3FD

 42788E

 CAFFFF

 265F75

 E7FFFF

 00475C

 003144

 001C2E

 00011A

 000000

 77ACC4

 77ACC4

63A6C4

8BB2C4

50A0C4

9EB8C4

3C9AC4

B2BEC4

2994C4

C5C4C4

158DC4

D9CBC4

0187C4

EDD1C4

0087C4

FFD7C4

FFDDC4

FFE3C4

Harmonies

Analogous

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



6FAFB5



77ACC4



8CA7CA

Triad

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



77ACC4



C997A7



A0A983

Complementary

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



77ACC4



C48F77

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.



B4A37F



77ACC4



CC9894

Square

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



77ACC4



BC9AB9



C49D85



8AAD90

Rectangle

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



77ACC4



9DA2C9



C49D85



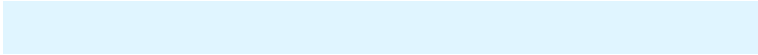
A7A780

Sweetspot

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



77ACC4



E0F5FF



77C48E



6E7A80



000000



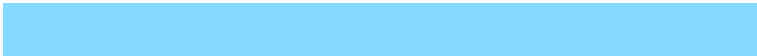
808080

Same Dimension

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



77ACC4



87DAFF



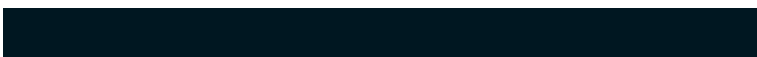
7786C4



575E61



006FA1



001721

Inverse Universe

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



C477AC



FF87DA



C4B577



61575E



A1006F



210017

Previews

White Background



This preview shows how the Hex color 77ACC4 looks on a white background.

Color Contrast Check

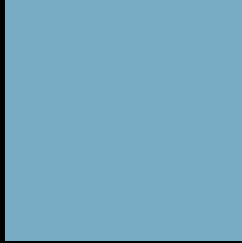
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 77ACC4 looks on a black 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 ✓ Pass

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

Hex 77ACC4 Background



This preview shows how black text looks on a background with the Hex color 77ACC4.

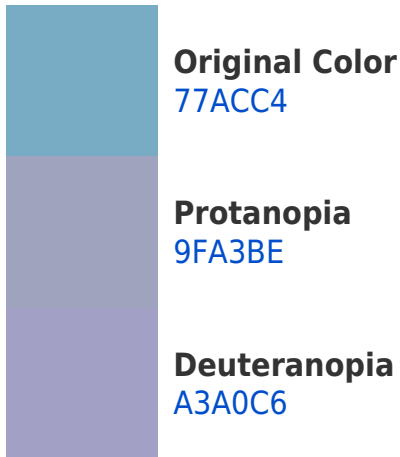


This preview shows how white text looks on a background with the Hex color 77ACC4.

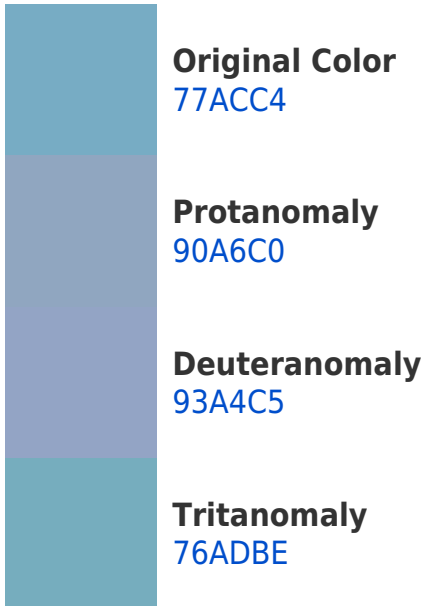
Color Blindness Simulation

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](#).

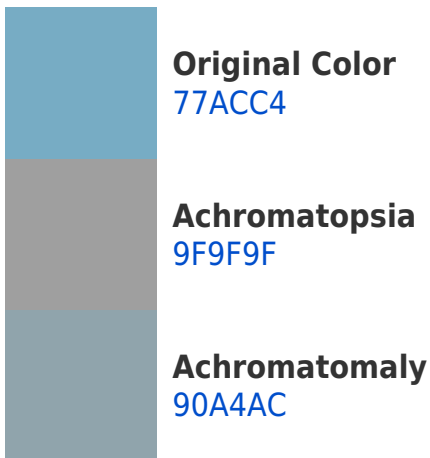
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77ACC4 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 #77ACC4 looks like.

```
.text, #text, p{  
    color:#77ACC4  
}
```

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 #77ACC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77ACC4  
}
```

Border

The CSS property to change the border of an element to Hex 77ACC4 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  
#77ACC4 }
```

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

```
.border{ border-color:#77ACC4 }
```

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

Here you see how a box with a 4 pixel #77ACC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77ACC4; -webkit-box-shadow:4px 4px  
4px 4px #77ACC4; box-shadow:4px 4px 4px  
4px #77ACC4 }
```

Background

The CSS property to change the background color of an element to Hex 77ACC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77ACC4 }
```

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

```
.background{ background-color:#77ACC4 }
```

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