

Converting Colors

Hex(75C482)

Have a look what the booklet for
Hex(75C482) contains.

Hex(75C482)	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(75C482)

Conversions

Conversions Part 1

Format	Color
Hex	75C482
RGB	117, 196, 130
RGB Percent	46%, 77%, 51%
CMY	0.5412, 0.2314, 0.4902
CMYK	0.40, 0.00, 0.34, 0.23
HSL	130°, 40%, 61%
HSV	130°, 40%, 77%
XYZ	31.1053, 44.8735, 28.1411
YIQ	164.8550, -25.8980, -37.2740

Conversions

Conversions Part 2

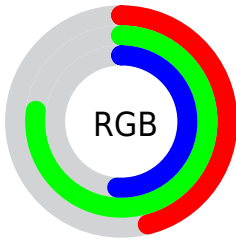
Format	Color
RYB	117, 185, 196
Decimal	7718018
CIELab	72.81, -38.23, 25.72
CIELCh	73, 46.079, 146.068
Yxy	44.8735, 0.2987, 0.4310
Android (android.graphics.Color)	4285908098 (0xFF75C482)
YUV	164.8550, -17.1835, -41.9688
Hunter-Lab	66.9877, -34.3430, 21.9840

Details

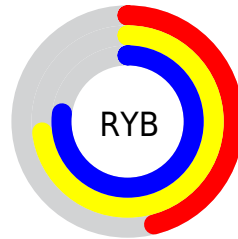
The Hex color **75C482** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C475B7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **ACFDB7**, and **3F8E50** is the 20% darker color. If you saturate the color by 10%, you get **61C472**, and if you desaturate by 10%, it is **89C492**.

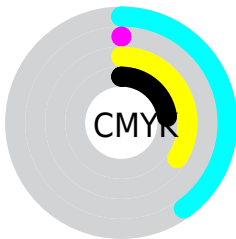
Distribution



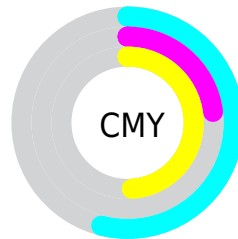
- Red (46%)
- Green (77%)
- Blue (51%)



- Red (46%)
- Yellow (73%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)



- Cyan (54%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75C482 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 75C482 by changing the saturation by 10% instead.

 75C482

 75C482

FFFFFF

 5AA869

 ACFDB7

 3F8E50

 C8FFD3

 227438

 E5FFF0

 005A22

 00420B

 002C00

 001200

 000000

 75C482

 75C482

 61C472

 89C492

 4EC461

 9CC4A3

 3AC451

 B0C4B3

 27C441

 C3C4C3

 13C430

 D7C4D4

 00C420

 EBC4E4

 FEC4F5

 FFC4FF

Harmonies

Analogous

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



A8BB65



75C482



2AC8AB

Triad

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



75C482



62B9FF



FF9390

Complementary

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



75C482



C475B7

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.



FE91BA



75C482



AEAAFE

Square

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



75C482



00C3F8



E29AE2



F29F6E

Rectangle

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



75C482



00C9C9



E29AE2



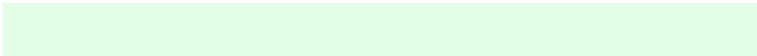
FF919D

Sweetspot

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



75C482



E0FFE5



B8C475



6E8071



000000



808080

Same Dimension

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



75C482



85FF99



75C4A8



576159



00A11A



002105

Inverse Universe

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



C475B7



FF85EB



C47591



61575F



A10086



21001C

Previews

White Background



This preview shows how the Hex color 75C482 looks on a white background.

Color Contrast Check

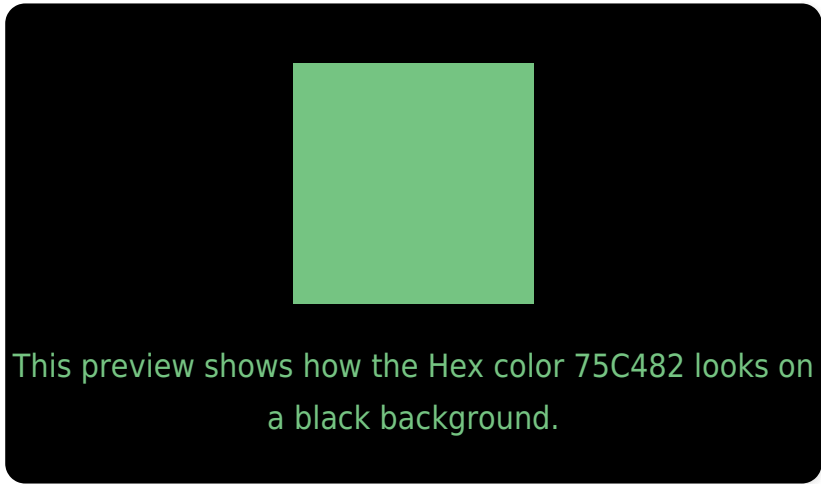
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

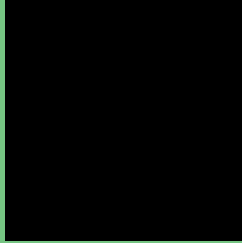
Any Text WCAG AA ✓ Pass

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 75C482 Background



This preview shows how black text looks on a background with the Hex color 75C482.

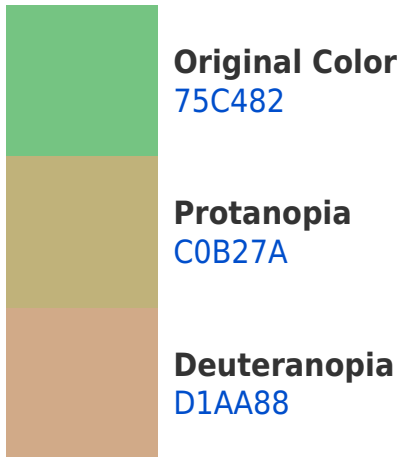


This preview shows how white text looks on a background with the Hex color 75C482.

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
84BBCA

Trichromacy



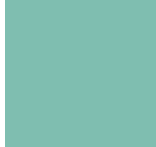
Original Color
75C482



Protanomaly
A5B97D



Deuteranomaly
B0B386



Tritanomaly
7FBEB0

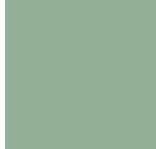
Monochromacy



Original Color
75C482



Achromatopsia
A5A5A5



Achromatomaly
94B098

CSS Examples

Text

The CSS property to change the color of the text to Hex 75C482 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 #75C482 looks like.

```
.text, #text, p{  
    color:#75C482  
}
```

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 #75C482 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C482
}
```

Border

The CSS property to change the border of an element to Hex 75C482 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
#75C482 }
```

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

```
.border{ border-color:#75C482 }
```

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

Here you see how a box with a 4 pixel #75C482 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C482; -webkit-box-shadow:4px 4px  
4px 4px #75C482; box-shadow:4px 4px 4px  
4px #75C482 }
```

Background

The CSS property to change the background color of an element to Hex 75C482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C482 }
```

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

```
.background{ background-color:#75C482 }
```

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