

# Converting Colors

Hex(75E0B2)

Have a look what the booklet for  
Hex(75E0B2) contains.

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# **Color**

**Hex(75E0B2)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 75E0B2                       |
| RGB         | 117, 224, 178                |
| RGB Percent | 46%, 88%, 70%                |
| CMY         | 0.5412, 0.1216, 0.3020       |
| CMYK        | 0.48, 0.00, 0.21, 0.12       |
| HSL         | 154°, 63%, 67%               |
| HSV         | 154°, 48%, 88%               |
| XYZ         | 42.0277, 60.3076, 51.5449    |
| YIQ         | 186.7630, -49.0060, -36.9900 |

# Conversions

## Conversions Part 2

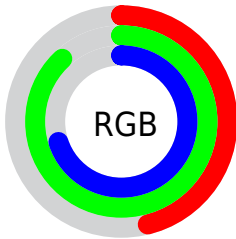
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">117, 185, 224</a>                                |
| Decimal                             | <a href="#">7725234</a>                                      |
| CIELab                              | <a href="#">82.01, -41.51, 13.10</a>                         |
| CIElCh                              | <a href="#">82, 43.532, 162.485</a>                          |
| Yxy                                 | <a href="#">60.3076, 0.2731, 0.3919</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4285915314</a><br>( <a href="#">0xFF75E0B2</a> ) |
| YUV                                 | <a href="#">186.7630, -4.3202, -61.1822</a>                  |
| Hunter-Lab                          | <a href="#">77.6579, -39.2991, 15.0072</a>                   |

# Details

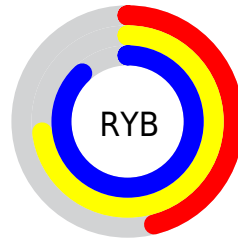
The Hex color **75E0B2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E075A3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **AEFFEA**, and **3AA87D** is the 20% darker color. If you saturate the color by 10%, you get **5FE0A8**, and if you desaturate by 10%, it is **8BE0BC**.

# Distribution



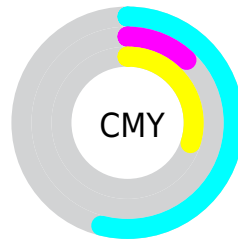
- Red (46%)
- Green (88%)
- Blue (70%)



- Red (46%)
- Yellow (73%)
- Blue (88%)



- Cyan (48%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (54%)
- Magenta (12%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75E0B2 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 75E0B2 by changing the saturation by 10% instead.



 75E0B2

 75E0B2

FFFFFF

 58C497

 AEFEEA

 3AA87D

 CBFFFF

 128D64

 E9FFFF

 00734C

 005A35

 004120

 002B09

 000D00

 000000

 75E0B2

 75E0B2

 5FE0A8

 8BE0BC

 48E09F

 A2E0C5

 32E095

 B8E0CF

 1BE08B

 CFE0D9

 05E082

 E5E0E2

 00E080

 FBE0EC

 FFE0F5

 FFE0FF

# Harmonies

## Analogous

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



A9DA8E



75E0B2



38E2DC

# Triad

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



75E0B2



ADCAFF



FFB497

# Complementary

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



75E0B2



E075A3

# 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.



FFACBC



75E0B2



E6BBFF

# Square

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



75E0B2



65D7FF



FFAFE6



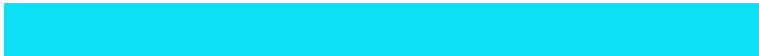
FBC17E

# Rectangle

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



75E0B2



0DE0F6



FFAFE6



FFB0A2

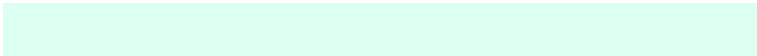


# Sweetspot

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



75E0B2



DBFFF0



A3E075



6A8076



000000



808080



# Same Dimension

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



75E0B2



6EFFC1



75D9E0



65706B



00B064



00301C



# Inverse Universe

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



E075A3



FF6EAC



E07C75



70656A



B0004C

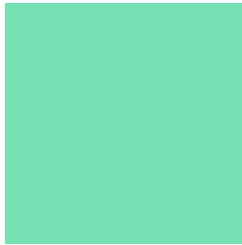


300015



# Previews

## White Background



This preview shows how the Hex color 75E0B2 looks on a white background.

## Color Contrast Check

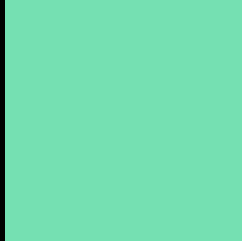
Large Text (above 18pt) WCAG AA × Fail

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 75E0B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

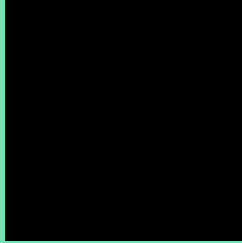
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75E0B2 Background



This preview shows how black text looks on a background with the Hex color 75E0B2.

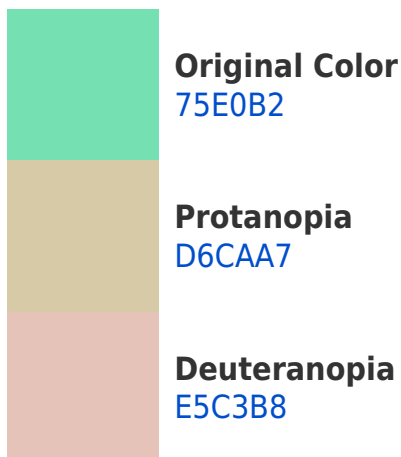


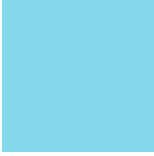
This preview shows how white text looks on a background with the Hex color 75E0B2.

# 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**  
84D8EA

# Trichromacy



**Original Color**

75E0B2



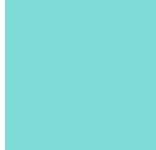
**Protanomaly**

B3D2AB



**Deuteranomaly**

BCCEB6



**Tritanomaly**

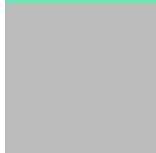
7FDBD6

# Monochromacy



**Original Color**

75E0B2



**Achromatopsia**

BBBBBB



**Achromatomaly**

A2C8B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75E0B2 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 #75E0B2 looks like.

```
.text, #text, p{  
    color:#75E0B2  
}
```

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 #75E0B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E0B2
}
```

## Border

The CSS property to change the border of an element to Hex 75E0B2 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
#75E0B2 }
```

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

```
.border{ border-color:#75E0B2 }
```

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

Here you see how a box with a 4 pixel #75E0B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E0B2; -webkit-box-shadow:4px 4px  
4px 4px #75E0B2; box-shadow:4px 4px 4px  
4px #75E0B2 }
```

# Background

The CSS property to change the background color of an element to Hex 75E0B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E0B2 }
```

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

```
.background{ background-color:#75E0B2 }
```

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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