

Converting Colors

Hex(75E2C4)

Have a look what the booklet for
Hex(75E2C4) contains.

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Color

Hex(75E2C4)

Conversions

Conversions Part 1

Format	Color
Hex	75E2C4
RGB	117, 226, 196
RGB Percent	46%, 89%, 77%
CMY	0.5412, 0.1137, 0.2314
CMYK	0.48, 0.00, 0.13, 0.11
HSL	163°, 65%, 67%
HSV	163°, 48%, 89%
XYZ	44.4963, 62.1601, 61.8775
YIQ	189.9890, -55.3340, -32.4380

Conversions

Conversions Part 2

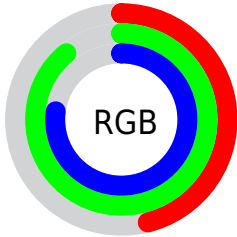
Format	Color
RYB	117, 180, 226
Decimal	7725764
CIELab	83.00, -38.48, 5.03
CIELCh	83, 38.806, 172.559
Yxy	62.1601, 0.2640, 0.3688
Android (android.graphics.Color)	4285915844 (0xFF75E2C4)
YUV	189.9890, 2.9634, -64.0114
Hunter-Lab	78.8417, -37.2321, 8.6565

Details

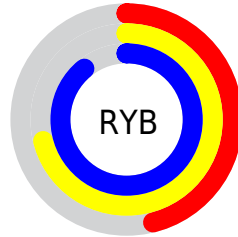
The Hex color **75E2C4** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E27593**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **AFFFFD**, and **38AA8E** is the 20% darker color. If you saturate the color by 10%, you get **5EE2BE**, and if you desaturate by 10%, it is **8CE2CA**.

Distribution



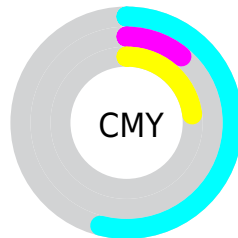
- Red (46%)
- Green (89%)
- Blue (77%)



- Red (46%)
- Yellow (71%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (54%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75E2C4 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 75E2C4 by changing the saturation by 10% instead.

 75E2C4

 75E2C4

FFFFFF

 58C6A9

 AFFFFD

 38AA8E

 CCFFFF

 0D8F75

 EAFFFF

 00755C

 005C45

 00432E

 002C1A

 001200

 000000

 75E2C4

 75E2C4

 5EE2BE

 8CE2CA

 48E2B8

 A2E2D0

 31E2B1

 B9E2D7

 1BE2AB

 CFE2DD

 04E2A5

 E6E2E3

 00E2A4

 FDE2E9

 FFE2F0

 FFE2F6

 FFE2FC

Harmonies

Analogous

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



A1DEA1



75E2C4



51E2E9

Triad

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



75E2C4



C7C9FF



FFBD96

Complementary

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



75E2C4



E27593

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.



FFB4B4



75E2C4



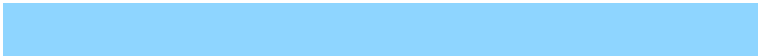
F4BCFB

Square

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



75E2C4



8ED5FF



FFB4D9



F0C986

Rectangle

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



75E2C4



50E0FF



FFB4D9



FFB99F

Sweetspot

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



75E2C4



DBFFF5



94E275



6A807A



000000



808080

Same Dimension

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



75E2C4



6BFFD6



75CAE2



65706D



00B080



003023

Inverse Universe

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



E27593



FF6B94



E28D75



706568



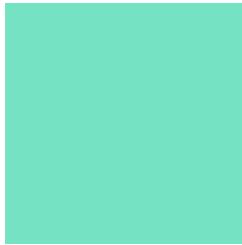
B00030



30000D

Previews

White Background



This preview shows how the Hex color 75E2C4 looks on a white background.

Color Contrast Check

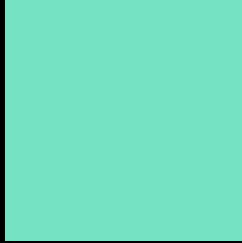
Large Text (above 18pt) WCAG AA × Fail

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 75E2C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

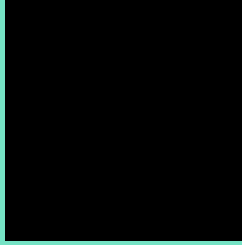
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

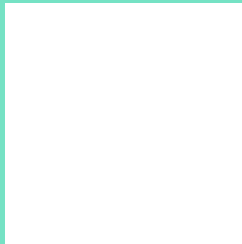
Any Text WCAG AAA ✓ Pass

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

Hex 75E2C4 Background



This preview shows how black text looks on a background with the Hex color 75E2C4.

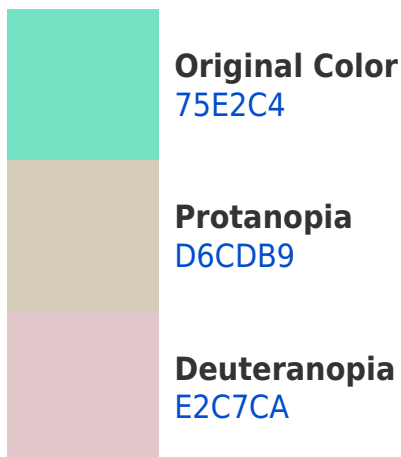


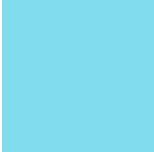
This preview shows how white text looks on a background with the Hex color 75E2C4.

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
81DCEE

Trichromacy



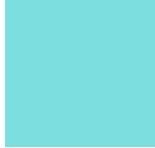
Original Color
75E2C4



Protanomaly
B3D5BD



Deuteranomaly
BAD1C8

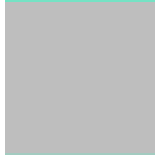


Tritanomaly
7DDEDF

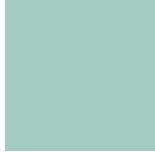
Monochromacy



Original Color
75E2C4



Achromatopsia
BEBEBE



Achromatomaly
A3CBC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 75E2C4 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 #75E2C4 looks like.

```
.text, #text, p{  
    color:#75E2C4  
}
```

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 #75E2C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E2C4
}
```

Border

The CSS property to change the border of an element to Hex 75E2C4 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
#75E2C4 }
```

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

```
.border{ border-color:#75E2C4 }
```

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

Here you see how a box with a 4 pixel #75E2C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E2C4; -webkit-box-shadow:4px 4px  
4px 4px #75E2C4; box-shadow:4px 4px 4px  
4px #75E2C4 }
```

Background

The CSS property to change the background color of an element to Hex 75E2C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E2C4 }
```

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

```
.background{ background-color:#75E2C4 }
```

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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