

Converting Colors

Hex(75D0A0)

Have a look what the booklet for
Hex(75D0A0) contains.

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Color

Hex(75D0A0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75D0A0 |
| RGB | 117, 208, 160 |
| RGB Percent | 46%, 82%, 63% |
| CMY | 0.5412, 0.1843, 0.3725 |
| CMYK | 0.44, 0.00, 0.23, 0.18 |
| HSL | 148°, 49%, 64% |
| HSV | 148°, 44%, 82% |
| XYZ | 36.2372, 51.4317, 41.2751 |
| YIQ | 175.3190, -38.8280, -34.2200 |

Conversions

Conversions Part 2

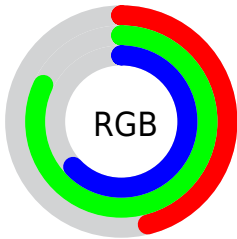
| Format | Color |
|-------------------------------------|---|
| RYB | 117, 179, 208 |
| Decimal | 7721120 |
| CIELab | 76.94, -38.05, 15.50 |
| CIElCh | 77, 41.081, 157.840 |
| Yxy | 51.4317, 0.2810, 0.3989 |
| Android (android.graphics.Color) | 4285911200 (0xFF75D0A0) |
| YUV | 175.3190, -7.5523, -51.1458 |
| Hunter-Lab | 71.7159, -35.3090, 16.0776 |

Details

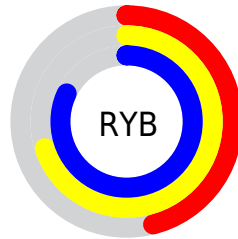
The Hex color **75D0A0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D075A5**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **ADFFD7**, and **3D996C** is the 20% darker color. If you saturate the color by 10%, you get **60D095**, and if you desaturate by 10%, it is **8AD0AB**.

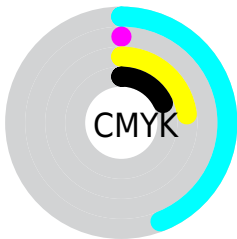
Distribution



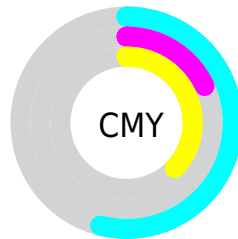
- Red (46%)
- Green (82%)
- Blue (63%)



- Red (46%)
- Yellow (70%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



- Cyan (54%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D0A0 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 75D0A0 by changing the saturation by 10% instead.

 75D0A0

 75D0A0

FFFFFF

 59B486

 ADFFD7

 3D996C

 CAFFF3

 1D7F54

 E7FFFF

 00653D

 004C27

 003512

 002000

 000000

 75D0A0

 75D0A0

 60D095

 8AD0AB

 4BD08A

 9FD0B6

 37D07F

 B3D0C1

 22D074

 C8D0CC

 0DD069

 DDD0D7

 00D062

 F2D0E2

 FFD0ED

 FFD0F8

 FFD0FF

Harmonies

Analogous

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



A4C981



75D0A0



3ED2C7

Triad

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



75D0A0



97BEFF



FFA691

Complementary

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



75D0A0



D075A5

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.



FFA0B5



75D0A0



CFB0FA

Square

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



75D0A0



54CAFF



F6A4DB



EFB278

Rectangle

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



75D0A0



17D2E0



F6A4DB



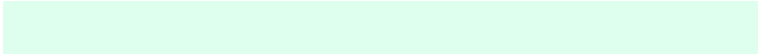
FFA39C

Sweetspot

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



75D0A0



DEFFEE



A6D075



6B8075



000000



808080

Same Dimension

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



75D0A0



78FFB8



75D0CD



5E6963



00A850



002913

Inverse Universe

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



D075A5



FF78BF



D07578



695E64



A80059



290016

Previews

White Background



This preview shows how the Hex color 75D0A0 looks on a white background.

Color Contrast Check

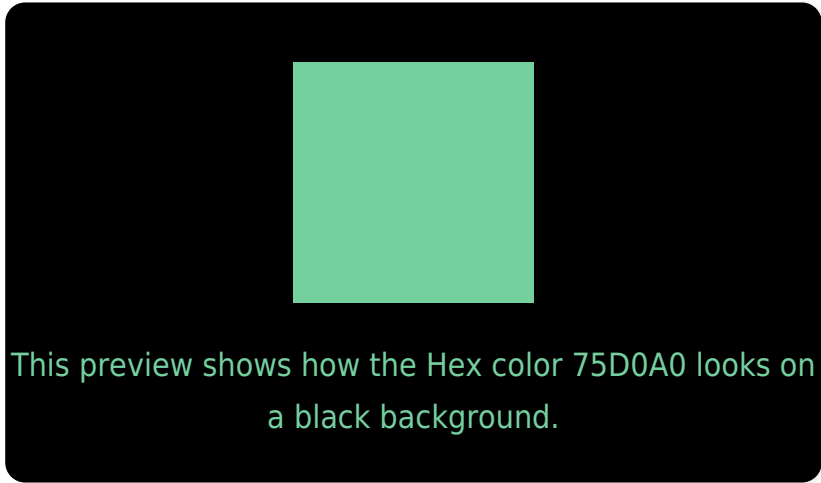
Large Text (above 18pt) WCAG AA × Fail

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

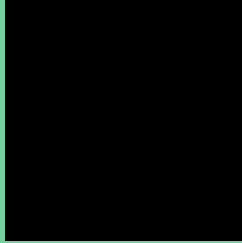
Any Text WCAG AA ✓ Pass

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 75D0A0 Background



This preview shows how black text looks on a background with the Hex color 75D0A0.

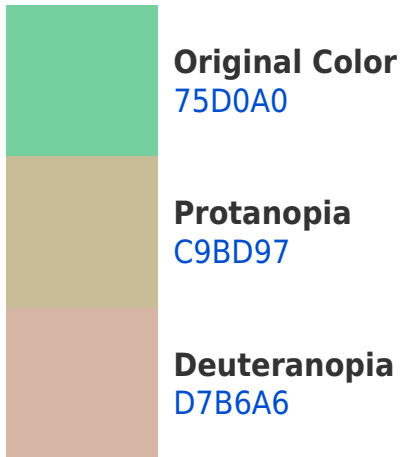


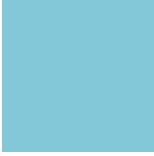
This preview shows how white text looks on a background with the Hex color 75D0A0.

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
83C8D9

Trichromacy



Original Color
75D0A0



Protanomaly
AAC49A



Deuteranomaly
B3BFA4



Tritanomaly
7ECBC4

Monochromacy



Original Color
75D0A0



Achromatopsia
AFAFAF



Achromatomaly
9ABBAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D0A0 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 #75D0A0 looks like.

```
.text, #text, p{  
    color:#75D0A0  
}
```

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 #75D0A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D0A0  
}
```

Border

The CSS property to change the border of an element to Hex 75D0A0 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  
#75D0A0 }
```

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

```
.border{ border-color:#75D0A0 }
```

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

Here you see how a box with a 4 pixel #75D0A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D0A0; -webkit-box-shadow:4px 4px  
4px 4px #75D0A0; box-shadow:4px 4px 4px  
4px #75D0A0 }
```

Background

The CSS property to change the background color of an element to Hex 75D0A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D0A0 }
```

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

```
.background{ background-color:#75D0A0 }
```

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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