

Converting Colors

Hex(30B07D)

Have a look what the booklet for
Hex(30B07D) contains.

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Color

Hex(30B07D)

Conversions

Conversions Part 1

Format	Color
Hex	30B07D
RGB	48, 176, 125
RGB Percent	19%, 69%, 49%
CMY	0.8118, 0.3098, 0.5098
CMYK	0.73, 0.00, 0.29, 0.31
HSL	156°, 57%, 44%
HSV	156°, 73%, 69%
XYZ	20.4459, 33.1597, 24.7249
YIQ	131.9140, -59.9170, -42.9970

Conversions

Conversions Part 2

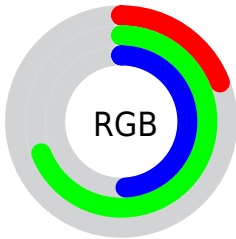
Format	Color
RYB	48, 128, 176
Decimal	3190909
CIELab	64.29, -46.49, 16.41
CIELCh	64, 49.301, 160.553
Yxy	33.1597, 0.2610, 0.4233
Android (android.graphics.Color)	4281380989 (0xFF30B07D)
YUV	131.9140, -3.4086, -73.5926
Hunter-Lab	57.5845, -37.3947, 14.8519

Details

The Hex color **30B07D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B03063**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **70E8B2**, and **007A4C** is the 20% darker color. If you saturate the color by 10%, you get **1EB076**, and if you desaturate by 10%, it is **42B084**.

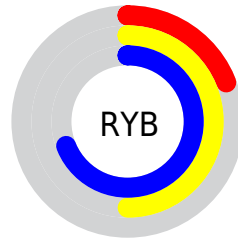
Distribution



Red (19%)

Green (69%)

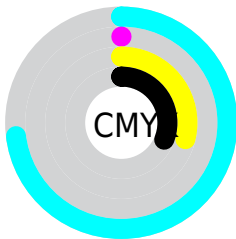
Blue (49%)



Red (19%)

Yellow (50%)

Blue (69%)

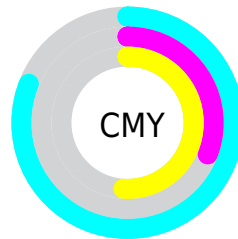


Cyan (73%)

Magenta (0%)

Yellow (29%)

Black (31%)



Cyan (81%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30B07D 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 30B07D by changing the saturation by 10% instead.

 30B07D

 30B07D

FFFFFF

 009564

 70E8B2

 007A4C

 8DFFCD

 006135

 AAFFEA

 00481F

 C8FFFF

 003009

 E6FFFF

 001800

 000000

 30B07D

 30B07D

 1EB076

 42B084

 0DB06F

 53B08B

 00B06A

 65B092

 76B099

 88B0A0

 9AB0A7

 ABB0AE

 BDB0B5

 CEB0BC

Harmonies

Analogous

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



77AA56



30B07D



00B2AB

Triad

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



30B07D



6C9BF2



E77F65

Complementary

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



30B07D



B03063

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.



EE768E



30B07D



B38ADF

Square

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



30B07D



00A8EE



DE7BBA



CD8F48

Rectangle

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



30B07D



00B1C7



DE7BBA



EC7B72

Sweetspot

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



30B07D



B3E6D1



63B030



557367



F2F2F2



737373

Same Dimension

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



30B07D



1EE696



30A3B0



505956



00995C



001A0F

Inverse Universe

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



B03063



E61E6D



B03D30



595054



99003D



1A000A

Previews

White Background



This preview shows how the Hex color 30B07D looks on a white background.

Color Contrast Check

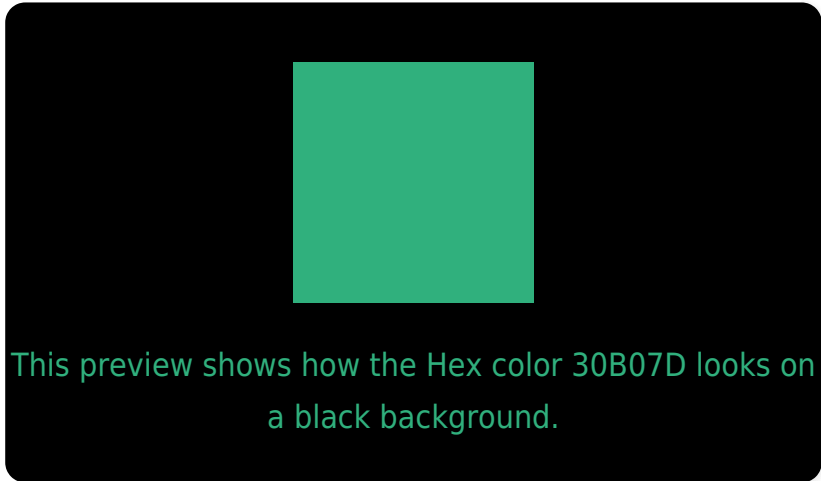
Large Text (above 18pt) WCAG AA × Fail

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

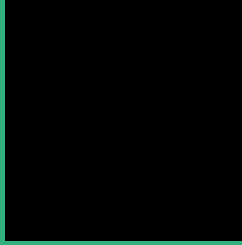
Any Text WCAG AA ✓ Pass

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 30B07D Background



This preview shows how black text looks on a background with the Hex color 30B07D.

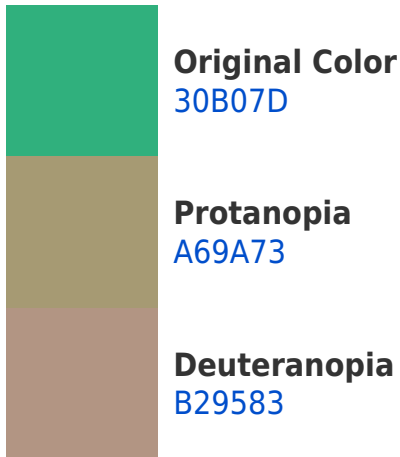


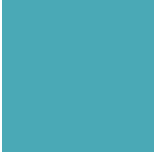
This preview shows how white text looks on a background with the Hex color 30B07D.

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



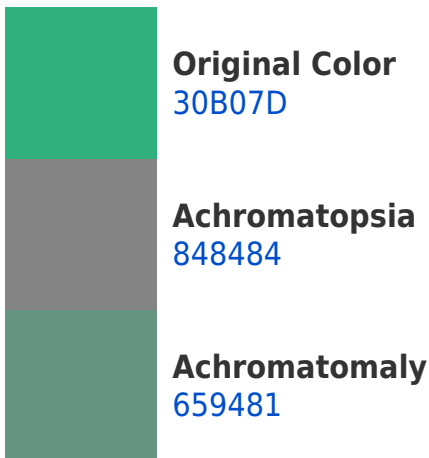


Tritanopia
4AA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30B07D 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 #30B07D looks like.

```
.text, #text, p{  
    color:#30B07D  
}
```

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 #30B07D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30B07D
}
```

Border

The CSS property to change the border of an element to Hex 30B07D 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
#30B07D }
```

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

```
.border{ border-color:#30B07D }
```

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

Here you see how a box with a 4 pixel #30B07D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30B07D; -webkit-box-shadow:4px 4px  
4px 4px #30B07D; box-shadow:4px 4px 4px  
4px #30B07D }
```

Background

The CSS property to change the background color of an element to Hex 30B07D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30B07D }
```

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

```
.background{ background-color:#30B07D }
```

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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