

Converting Colors

Hex(36B07F)

Have a look what the booklet for
Hex(36B07F) contains.

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Color

Hex(36B07F)

Conversions

Conversions Part 1

Format	Color
Hex	36B07F
RGB	54, 176, 127
RGB Percent	21%, 69%, 50%
CMY	0.7882, 0.3098, 0.5020
CMYK	0.69, 0.00, 0.28, 0.31
HSL	156°, 53%, 45%
HSV	156°, 69%, 69%
XYZ	20.8774, 33.3672, 25.4188
YIQ	133.9360, -56.9830, -41.1030

Conversions

Conversions Part 2

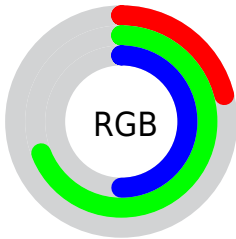
Format	Color
RYB	54, 130, 176
Decimal	3584127
CIELab	64.46, -45.12, 15.57
CIELCh	64, 47.728, 160.959
Yxy	33.3672, 0.2621, 0.4189
Android (android.graphics.Color)	4281774207 (0xFF36B07F)
YUV	133.9360, -3.4194, -70.1039
Hunter-Lab	57.7644, -36.5735, 14.3449

Details

The Hex color **36B07F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B03667**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **74E8B4**, and **007A4E** is the 20% darker color. If you saturate the color by 10%, you get **24B078**, and if you desaturate by 10%, it is **48B086**.

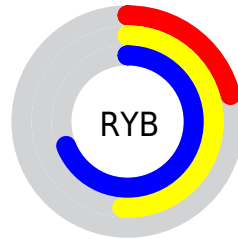
Distribution



Red (21%)

Green (69%)

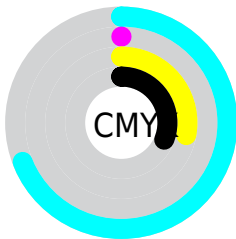
Blue (50%)



Red (21%)

Yellow (51%)

Blue (69%)

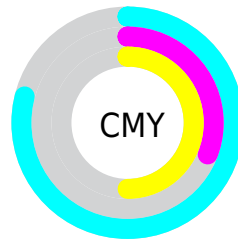


Cyan (69%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (79%)

Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B07F 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 36B07F by changing the saturation by 10% instead.

 36B07F

 36B07F

FFFFFF

 039566

 74E8B4

 007A4E

 91FFCF

 006137

 AEF FEC

 004821

 CBFFFF

 00310B

 E9FFFF

 001800

 000000

 36B07F

 36B07F

 24B078

 48B086

 13B071

 59B08D

 01B06A

 6BB094

 00B069

 7CB09B

 8EB0A2

 A0B0A9

 B1B0B0

 C3B0B8

 D4B0BF

Harmonies

Analogous

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



78AA59



36B07F



00B2AB

Triad

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



36B07F



719BF0



E58166

Complementary

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



36B07F



B03667

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.



EC788E



36B07F



B48BDD

Square

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



36B07F



00A8EC



DD7CB9



CC904B

Rectangle

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



36B07F



00B1C7



DD7CB9



EA7D73

Sweetspot

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



36B07F



B5E6D2



69B036



567367



F2F2F2



737373

Same Dimension

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



36B07F



27E699



36A6B0



505956



00995C



001A0F

Inverse Universe

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



B03667



E62774



B04036



595054



99003D



1A000A

Previews

White Background



This preview shows how the Hex color 36B07F looks on a white background.

Color Contrast Check

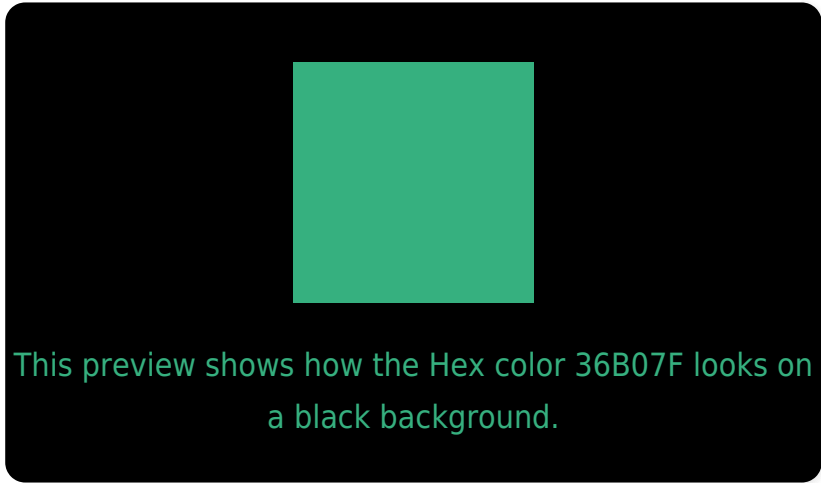
Large Text (above 18pt) WCAG AA × Fail

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

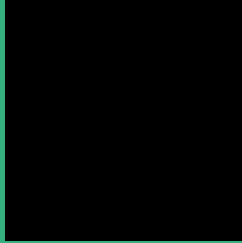
Any Text WCAG AA ✓ Pass

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 36B07F Background



This preview shows how black text looks on a background with the Hex color 36B07F.



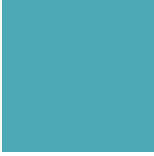
This preview shows how white text looks on a background with the Hex color 36B07F.

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
4DA9B6

Trichromacy



Original Color
36B07F



Protanomaly
7DA379



Deuteranomaly
859F83



Tritanomaly
45ACA2

Monochromacy



Original Color
36B07F



Achromatopsia
868686



Achromatomaly
699583

CSS Examples

Text

The CSS property to change the color of the text to Hex 36B07F 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 #36B07F looks like.

```
.text, #text, p{  
    color:#36B07F  
}
```

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 #36B07F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B07F
}
```

Border

The CSS property to change the border of an element to Hex 36B07F 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
#36B07F }
```

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

```
.border{ border-color:#36B07F }
```

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

Here you see how a box with a 4 pixel #36B07F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B07F; -webkit-box-shadow:4px 4px  
4px 4px #36B07F; box-shadow:4px 4px 4px  
4px #36B07F }
```

Background

The CSS property to change the background color of an element to Hex 36B07F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B07F }
```

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

```
.background{ background-color:#36B07F }
```

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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