

Converting Colors

Hex(36B96D)

Have a look what the booklet for
Hex(36B96D) contains.

Hex(36B96D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(36B96D)

Conversions

Conversions Part 1

Format	Color
Hex	36B96D
RGB	54, 185, 109
RGB Percent	21%, 73%, 43%
CMY	0.7882, 0.2745, 0.5725
CMYK	0.71, 0.00, 0.41, 0.27
HSL	145°, 55%, 47%
HSV	145°, 71%, 73%
XYZ	21.6306, 36.5863, 20.3898
YIQ	137.1670, -53.6800, -51.4080

Conversions

Conversions Part 2

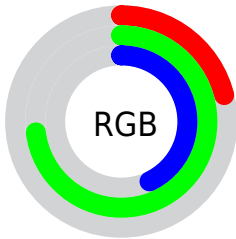
Format	Color
RYB	54, 146, 185
Decimal	3586413
CIELab	66.97, -52.34, 28.62
CIElCh	67, 59.657, 151.330
Yxy	36.5863, 0.2752, 0.4654
Android (android.graphics.Color)	4281776493 (0xFF36B96D)
YUV	137.1670, -13.8863, -72.9375
Hunter-Lab	60.4866, -42.0183, 22.3542

Details

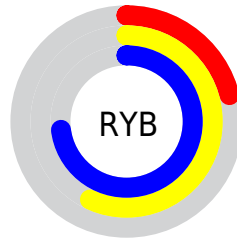
The Hex color **36B96D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B93682**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **75F2A1**, and **00833C** is the 20% darker color. If you saturate the color by 10%, you get **24B962**, and if you desaturate by 10%, it is **49B978**.

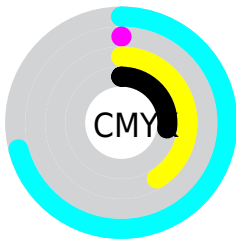
Distribution



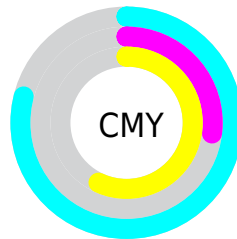
- Red (21%)
- Green (73%)
- Blue (43%)



- Red (21%)
- Yellow (57%)
- Blue (73%)



- Cyan (71%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (79%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B96D 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 36B96D by changing the saturation by 10% instead.

 36B96D

 36B96D

FFFFFF

 009D54

 75F2A1

 00833C

 93FFBD

 006825

 B0FFD9

 004F0D

 CEFFF5

 003700

 ECFFFF

 002000

 000000

 36B96D

 36B96D

 24B962

 49B978

 11B958

 5BB982

 00B94E

 6EB98D

 80B998

 93B9A3

 A5B9AD

 B8B9B8

 CAB9C3

 DDB9CE

Harmonies

Analogous

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



87B041



36B96D



00BDA4

Triad

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



36B96D



1DA8FF



FF796E

Complementary

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



36B96D



B93682

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.



FF72A3



36B96D



A794FF

Square

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



36B96D



00B6FF



E67ED7



E88D44

Rectangle

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



36B96D



00BDC8



E67ED7



FF757F

Sweetspot

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



36B96D



BDF0D2



82B936



5A7866



F7F7F7



787878

Same Dimension

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



36B96D



24F079



36B9AE



535C56



009C41



001C0C

Inverse Universe

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



B93682



F0249A



B93641



5C5358



9C005A



1C0010

Previews

White Background



This preview shows how the Hex color 36B96D looks on a white background.

Color Contrast Check

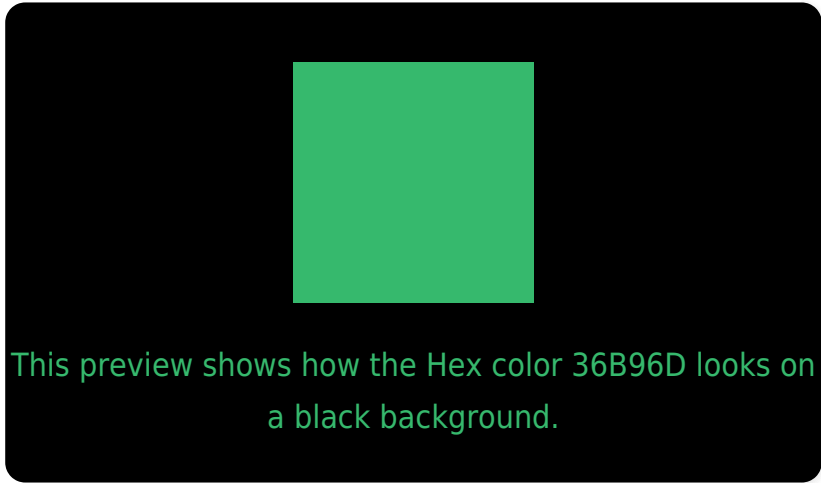
Large Text (above 18pt) WCAG AA × Fail

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 36B96D Background



This preview shows how black text looks on a background with the Hex color 36B96D.

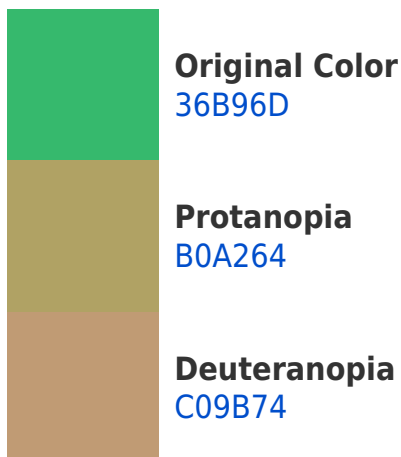


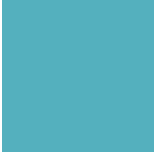
This preview shows how white text looks on a background with the Hex color 36B96D.

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
54B0BE

Trichromacy



Original Color
36B96D



Protanomaly
84AA67



Deuteranomaly
8EA671



Tritanomaly
49B3A1

Monochromacy



Original Color
36B96D



Achromatopsia
898989



Achromatomaly
6B9A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 36B96D 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 #36B96D looks like.

```
.text, #text, p{  
    color:#36B96D  
}
```

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 #36B96D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B96D
}
```

Border

The CSS property to change the border of an element to Hex 36B96D 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
#36B96D }
```

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

```
.border{ border-color:#36B96D }
```

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

Here you see how a box with a 4 pixel #36B96D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B96D; -webkit-box-shadow:4px 4px  
4px 4px #36B96D; box-shadow:4px 4px 4px  
4px #36B96D }
```

Background

The CSS property to change the background color of an element to Hex 36B96D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B96D }
```

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

```
.background{ background-color:#36B96D }
```

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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