

Converting Colors

Hex(36B74F)

Have a look what the booklet for
Hex(36B74F) contains.

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Color

Hex(36B74F)

Conversions

Conversions Part 1

Format	Color
Hex	36B74F
RGB	54, 183, 79
RGB Percent	21%, 72%, 31%
CMY	0.7882, 0.2824, 0.6902
CMYK	0.70, 0.00, 0.57, 0.28
HSL	132°, 54%, 46%
HSV	132°, 70%, 72%
XYZ	19.8661, 35.2158, 13.1474
YIQ	132.5730, -43.5000, -59.6920

Conversions

Conversions Part 2

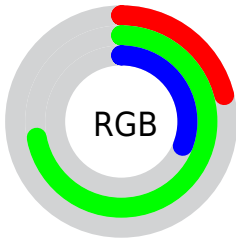
Format	Color
RYB	54, 162, 183
Decimal	3585871
CIELab	65.92, -56.36, 42.38
CIELCh	66, 70.515, 143.056
Yxy	35.2158, 0.2912, 0.5161
Android (android.graphics.Color)	4281775951 (0xFF36B74F)
YUV	132.5730, -26.4115, -68.9085
Hunter-Lab	59.3429, -44.0939, 28.4043

Details

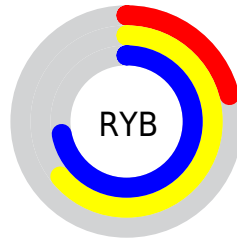
The Hex color **36B74F** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B7369E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **76F083**, and **00811C** is the 20% darker color. If you saturate the color by 10%, you get **24B740**, and if you desaturate by 10%, it is **48B75E**.

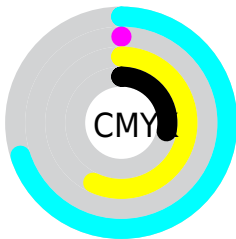
Distribution



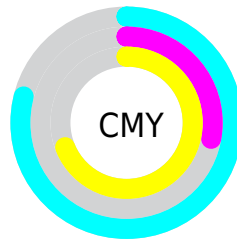
- Red (21%)
- Green (72%)
- Blue (31%)



- Red (21%)
- Yellow (64%)
- Blue (72%)



- Cyan (70%)
- Magenta (0%)
- Yellow (57%)
- Black (28%)



- Cyan (79%)
- Magenta (28%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B74F 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 36B74F by changing the saturation by 10% instead.

 36B74F

 36B74F

FFFFFF

 009B36

 76F083

 00811C

 93FF9E

 006600

 B1FFB9

 004D00

 CFFFD5

 003500

 EDFFF2

 001D00


 000000

 36B74F

 36B74F

 24B740

 48B75E

 11B731

 5BB76D

 00B723

 6DB77B

 7FB78A

 92B799

 A4B7A8

 B6B7B6

 C8B7C5

 DBB7D4

Harmonies

Analogous

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



90AB14



36B74F



00BD8F

Triad

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



36B74F



00ACFF



FF6573

Complementary

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



36B74F



B7369E

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.



FF62B2



36B74F



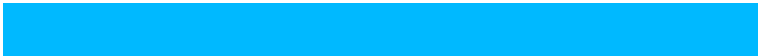
8296FF

Square

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



36B74F



00B9FF



DE79ED



F87E3A

Rectangle

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



36B74F



00BEBB



DE79ED



FF6187

Sweetspot

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



36B74F



BBEDC5



9FB736



5A7860



F7F7F7



787878

Same Dimension

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



36B74F



24ED4B



36B78E



535C54



009C1E



001C05

Inverse Universe

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



B7369E



ED24C6



B7365F



5C535A



9C007D



1C0017

Previews

White Background



This preview shows how the Hex color 36B74F looks on a white background.

Color Contrast Check

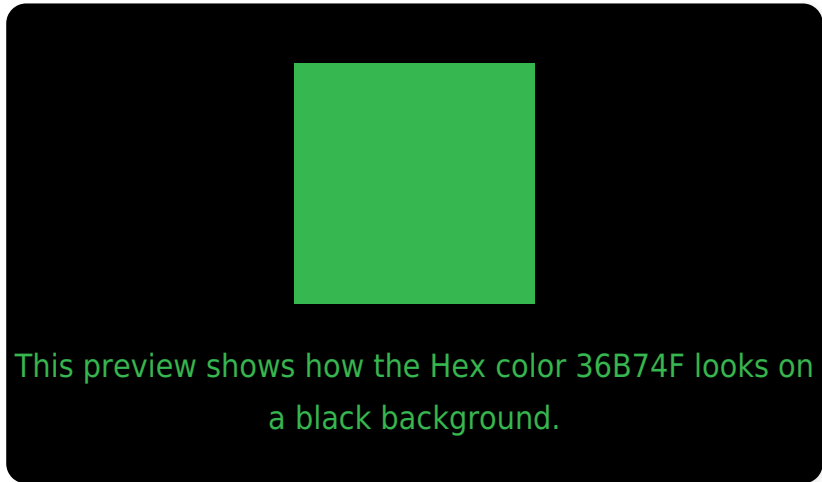
Large Text (above 18pt) WCAG AA × Fail

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

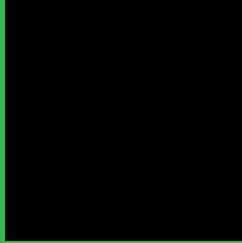
Any Text WCAG AA ✓ Pass

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 36B74F Background



This preview shows how black text looks on a background with the Hex color 36B74F.



This preview shows how white text looks on a background with the Hex color 36B74F.

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](#).

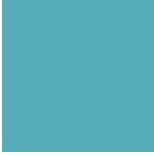
Dichromacy



Original Color
36B74F

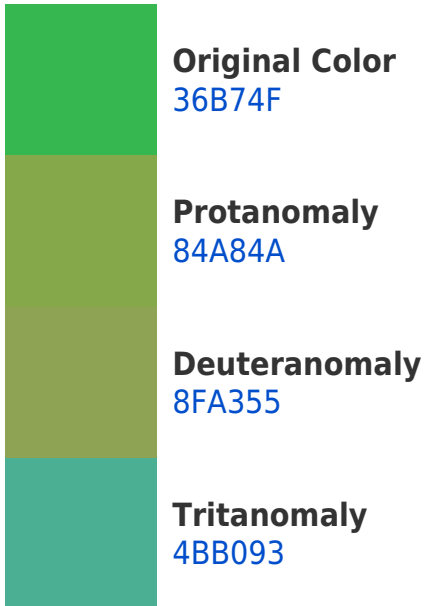
Protanopia
B09F47

Deuteranopia
C29758

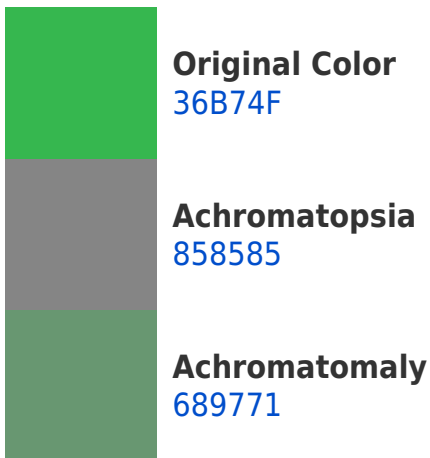


Tritanopia
57ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36B74F 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 #36B74F looks like.

```
.text, #text, p{  
    color:#36B74F  
}
```

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 #36B74F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B74F
}
```

Border

The CSS property to change the border of an element to Hex 36B74F 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
#36B74F }
```

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

```
.border{ border-color:#36B74F }
```

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

Here you see how a box with a 4 pixel #36B74F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B74F; -webkit-box-shadow:4px 4px  
4px 4px #36B74F; box-shadow:4px 4px 4px  
4px #36B74F }
```

Background

The CSS property to change the background color of an element to Hex 36B74F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B74F }
```

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

```
.background{ background-color:#36B74F }
```

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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