

# Converting Colors

Hex(36AC6D)

Have a look what the booklet for  
Hex(36AC6D) contains.

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# Color

Hex(36AC6D)

# Conversions

## Conversions Part 1

Format	Color
Hex	36AC6D
RGB	54, 172, 109
RGB Percent	21%, 67%, 43%
CMY	0.7882, 0.3255, 0.5725
CMYK	0.69, 0.00, 0.37, 0.33
HSL	148°, 52%, 44%
HSV	148°, 69%, 67%
XYZ	19.0342, 31.3934, 19.5243
YIQ	129.5360, -50.1050, -44.6090

# Conversions

## Conversions Part 2

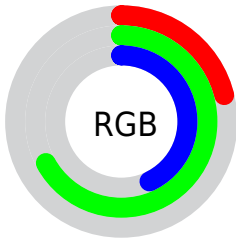
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 134, 172
Decimal	3583085
CIELab	62.84, -47.29, 23.15
CIELCh	63, 52.653, 153.920
Yxy	31.3934, 0.2721, 0.4488
Android (android.graphics.Color)	4281773165 (0xFF36AC6D)
YUV	129.5360, -10.1242, -66.2451
Hunter-Lab	56.0299, -37.4132, 18.5605

# Details

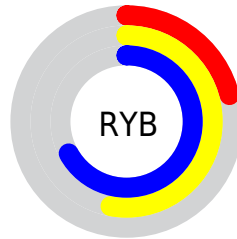
The Hex color **36AC6D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC3675**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **73E4A1**, and **00763D** is the 20% darker color. If you saturate the color by 10%, you get **25AC64**, and if you desaturate by 10%, it is **47AC76**.

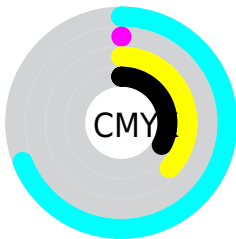
# Distribution



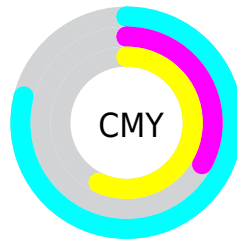
- Red (21%)
- Green (67%)
- Blue (43%)



- Red (21%)
- Yellow (53%)
- Blue (67%)



- Cyan (69%)
- Magenta (0%)
- Yellow (37%)
- Black (33%)



- Cyan (79%)
- Magenta (33%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36AC6D 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 36AC6D by changing the saturation by 10% instead.



 36AC6D

 36AC6D

FFFFFF

 069154

 73E4A1

 00763D

 90FFBC

 005D26

 ADFFD8

 004410

 CAFFF5

 002E00

 E8FFFF

 001200

 000000

 36AC6D

 36AC6D

 25AC64

 47AC76

■ 14AC5B

■ 58AC7F

■ 02AC51

■ 6AAC89

■ 00AC50

■ 7BAC92

■ 8CAC9B

■ 9DACA4

■ AEACAD

■ C0ACB6

■ D1ACC0

# Harmonies

## Analogous

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



7CA446



36AC6D



00AF9D

# Triad

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



36AC6D



469BF5



EA7666

# Complementary

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



36AC6D



AC3675

# 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.



ED6E94



36AC6D



A389E6

# Square

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



36AC6D



00A8EB



D677C2



D38743

# Rectangle

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



36AC6D



00AFBD



D677C2



EE7275



# Sweetspot

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



36AC6D



B1E0C7



77AC36



547061



F0F0F0



707070



# Same Dimension

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



36AC6D



28E07E



36ACA6



4E5752



009646



00170B



# Inverse Universe

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



AC3675



E0288B



AC363C



574E53



960050



17000C



# Previews

## White Background



This preview shows how the Hex color 36AC6D looks on a white background.

## Color Contrast Check

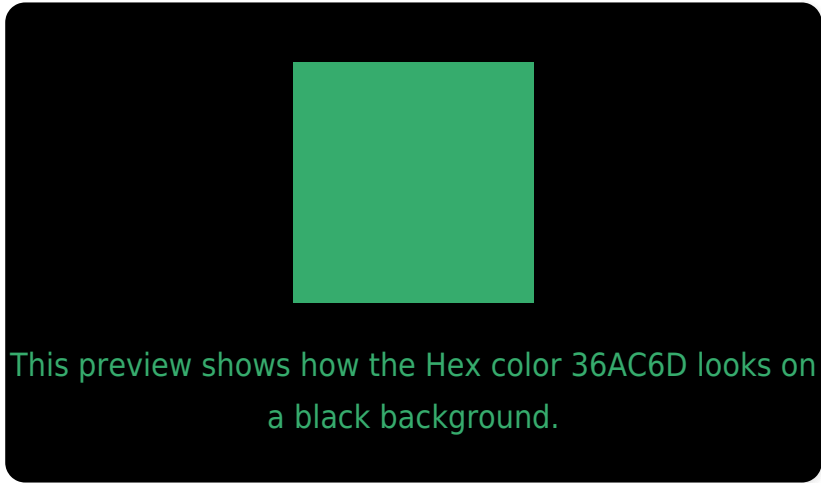
Large Text (above 18pt) WCAG AA × Fail

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

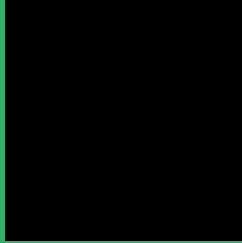
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 36AC6D Background



This preview shows how black text looks on a background with the Hex color 36AC6D.

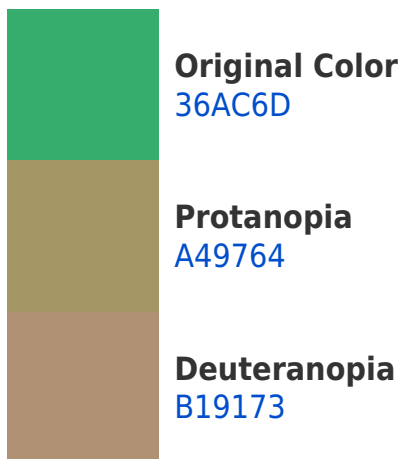


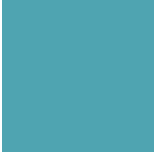
This preview shows how white text looks on a background with the Hex color 36AC6D.

# 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**  
4FA4B1

# Trichromacy



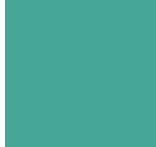
**Original Color**  
36AC6D



**Protanomaly**  
7C9F67



**Deuteranomaly**  
849B71



**Tritanomaly**  
46A798

# Monochromacy



**Original Color**  
36AC6D



**Achromatopsia**  
828282



**Achromatomaly**  
66917A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36AC6D 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 #36AC6D looks like.

```
.text, #text, p{  
    color:#36AC6D  
}
```

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 #36AC6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36AC6D
}
```

## Border

The CSS property to change the border of an element to Hex 36AC6D 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
#36AC6D }
```

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

```
.border{ border-color:#36AC6D }
```

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

Here you see how a box with a 4 pixel #36AC6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36AC6D; -webkit-box-shadow:4px 4px  
4px 4px #36AC6D; box-shadow:4px 4px 4px  
4px #36AC6D }
```

# Background

The CSS property to change the background color of an element to Hex 36AC6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36AC6D }
```

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

```
.background{ background-color:#36AC6D }
```

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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