

Converting Colors

Hex(36AF69)

Have a look what the booklet for
Hex(36AF69) contains.

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Color

Hex(36AF69)

Conversions

Conversions Part 1

Format	Color
Hex	36AF69
RGB	54, 175, 105
RGB Percent	21%, 69%, 41%
CMY	0.7882, 0.3137, 0.5882
CMYK	0.69, 0.00, 0.40, 0.31
HSL	145°, 53%, 45%
HSV	145°, 69%, 69%
XYZ	19.4011, 32.4641, 18.6083
YIQ	130.8410, -49.6460, -47.4220

Conversions

Conversions Part 2

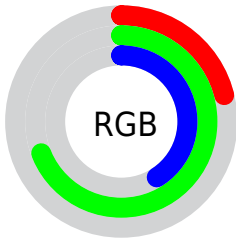
Format	Color
RYB	54, 139, 175
Decimal	3583849
CIELab	63.72, -49.24, 26.47
CIELCh	64, 55.906, 151.743
Yxy	32.4641, 0.2753, 0.4607
Android (android.graphics.Color)	4281773929 (0xFF36AF69)
YUV	130.8410, -12.7396, -67.3896
Hunter-Lab	56.9773, -38.9300, 20.5205

Details

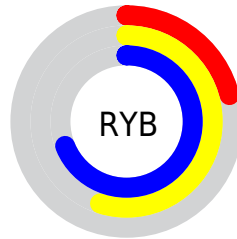
The Hex color **36AF69** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AF367C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **73E89D**, and **007939** is the 20% darker color. If you saturate the color by 10%, you get **25AF5F**, and if you desaturate by 10%, it is **48AF73**.

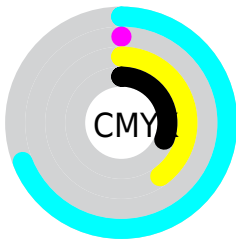
Distribution



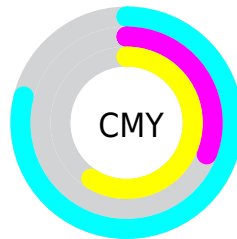
- Red (21%)
- Green (69%)
- Blue (41%)



- Red (21%)
- Yellow (55%)
- Blue (69%)



- Cyan (69%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (79%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Hex color 36AF69 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 36AF69 by changing the saturation by 10% instead.

 36AF69

 36AF69

FFFFFF

 049450

 73E89D

 007939

 91FFB8

 006022

 AEFFD4

 00470B

 CBFFF0

 003000

 E9FFFF

 001500

 000000

 36AF69

 36AF69

 25AF5F

 48AF73

■ 13AF55

■ 59AF7D

■ 01AF4B

■ 6AAF87

■ 00AF4A

■ 7CAF91

■ 8EAF9C

■ 9FAFA6

■ B1AFB0

■ C2AFBA

■ D4AFC4

Harmonies

Analogous

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



80A740



36AF69



00B39C

Triad

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



36AF69



2C9FFE



F27469

Complementary

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



36AF69



AF367C

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.



F46D99



36AF69



A08CEF

Square

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



36AF69



00ACF1



D978CA



DA8642

Rectangle

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



36AF69



00B3BE



D978CA



F67078

Sweetspot

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



36AF69



B3E3C7



7DAF36



567362



F2F2F2



737373

Same Dimension

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



36AF69



27E376



36AFA5



4E5752



00963F



00170A

Inverse Universe

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



AF367C



E32794



AF3640



574E53



960057



17000D

Previews

White Background



This preview shows how the Hex color 36AF69 looks on a white background.

Color Contrast Check

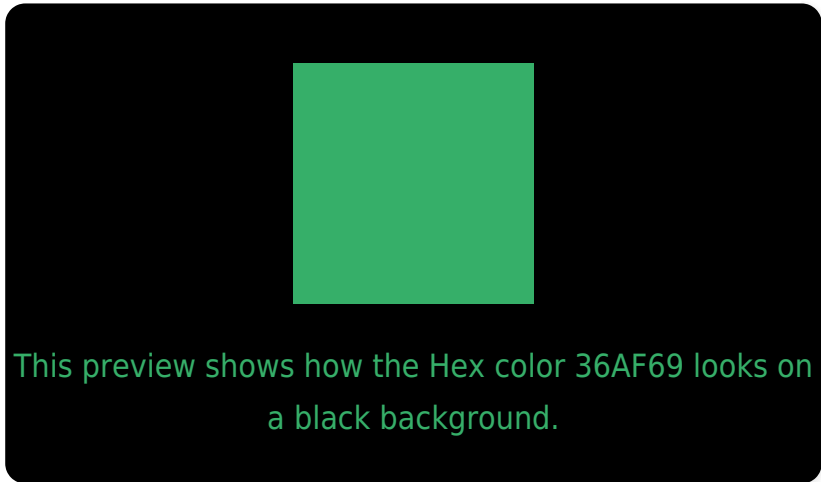
Large Text (above 18pt) WCAG AA × Fail

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

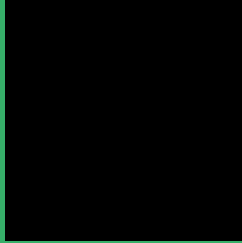
Any Text WCAG AA ✓ Pass

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 36AF69 Background



This preview shows how black text looks on a background with the Hex color 36AF69.



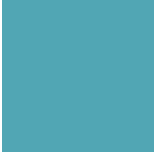
This preview shows how white text looks on a background with the Hex color 36AF69.

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](#).

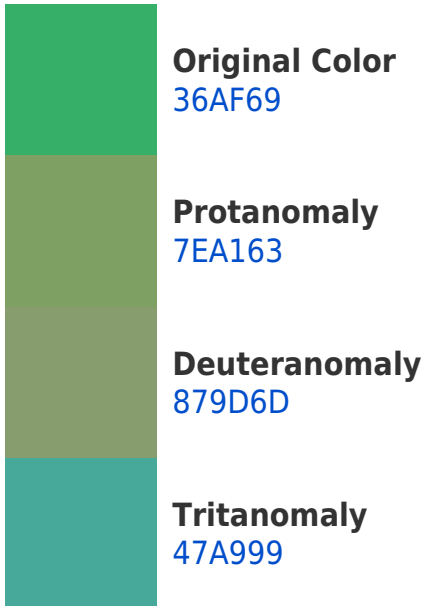
Dichromacy



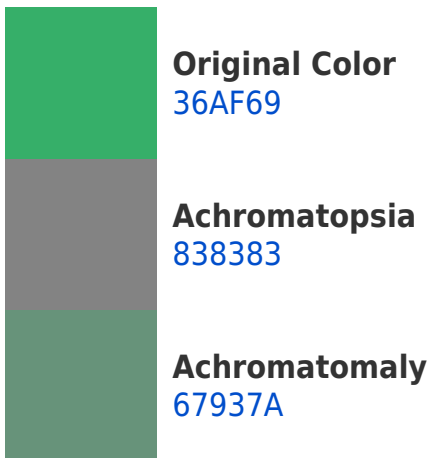


Tritanopia
51A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36AF69 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 #36AF69 looks like.

```
.text, #text, p{  
    color:#36AF69  
}
```

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 #36AF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36AF69
}
```

Border

The CSS property to change the border of an element to Hex 36AF69 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
#36AF69 }
```

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

```
.border{ border-color:#36AF69 }
```

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

Here you see how a box with a 4 pixel #36AF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36AF69; -webkit-box-shadow:4px 4px  
4px 4px #36AF69; box-shadow:4px 4px 4px  
4px #36AF69 }
```

Background

The CSS property to change the background color of an element to Hex 36AF69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36AF69 }
```

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

```
.background{ background-color:#36AF69 }
```

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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