

# Converting Colors

Hex(36AB5E)

Have a look what the booklet for  
Hex(36AB5E) contains.

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# Color

Hex(36AB5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	36AB5E
RGB	54, 171, 94
RGB Percent	21%, 67%, 37%
CMY	0.7882, 0.3294, 0.6314
CMYK	0.68, 0.00, 0.45, 0.33
HSL	141°, 52%, 44%
HSV	141°, 68%, 67%
XYZ	18.1046, 30.7182, 15.5647
YIQ	127.2390, -45.0150, -48.7510

# Conversions

## Conversions Part 2

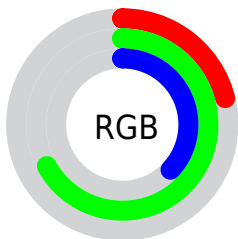
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 141, 171
Decimal	3582814
CIELab	62.27, -49.68, 30.37
CIELCh	62, 58.229, 148.560
Yxy	30.7182, 0.2812, 0.4771
Android (android.graphics.Color)	4281772894 (0xFF36AB5E)
YUV	127.2390, -16.3868, -64.2306
Hunter-Lab	55.4240, -38.6839, 22.1465

# Details

The Hex color **36AB5E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB3683**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **73E391**, and **00752E** is the 20% darker color. If you saturate the color by 10%, you get **25AB53**, and if you desaturate by 10%, it is **47AB69**.

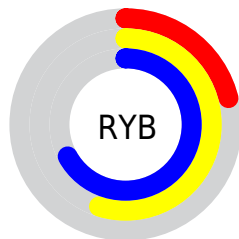
# Distribution



Red (21%)

Green (67%)

Blue (37%)



Red (21%)

Yellow (55%)

Blue (67%)

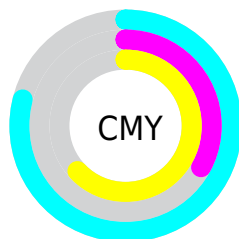


Cyan (68%)

Magenta (0%)

Yellow (45%)

Black (33%)



Cyan (79%)

Magenta (33%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36AB5E 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 36AB5E by changing the saturation by 10% instead.



 36AB5E

 36AB5E

FFFFFF

 079046

 73E391

 00752E

 90FFAC

 005C16

 ADFFC8

 004300

 CAFFE4

 002D00

 E8FFFF

 000F00

 000000

 36AB5E

 36AB5E

 25AB53

 47AB69

 14AB47

 58AB75

 03AB3C

 69AB80

 00AB3A

 7AAB8B

 8CAB96

 9DABA2

 AEABAD

 BFABB8

 D0ABC3

# Harmonies

## Analogous

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



81A234



36AB5E



00AF92

# Triad

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



36AB5E



009DFE



F26C68

# Complementary

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



36AB5E



AB3683

# 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.



F1679B



36AB5E



938AF2

# Square

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



36AB5E



00A9EE



D374CD



DB7F3E

# Rectangle

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



36AB5E



00AFB6



D374CD



F56879



# Sweetspot

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



36AB5E



AFDEBF



84AB36



54705E



F0F0F0



707070



# Same Dimension

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



36AB5E



28DE66



36AB97



4E5751



009633



001708



# Inverse Universe

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



AB3683



DE28A0



AB364A



574E54



960063



17000F



# Previews

## White Background



This preview shows how the Hex color 36AB5E looks on a white background.

## Color Contrast Check

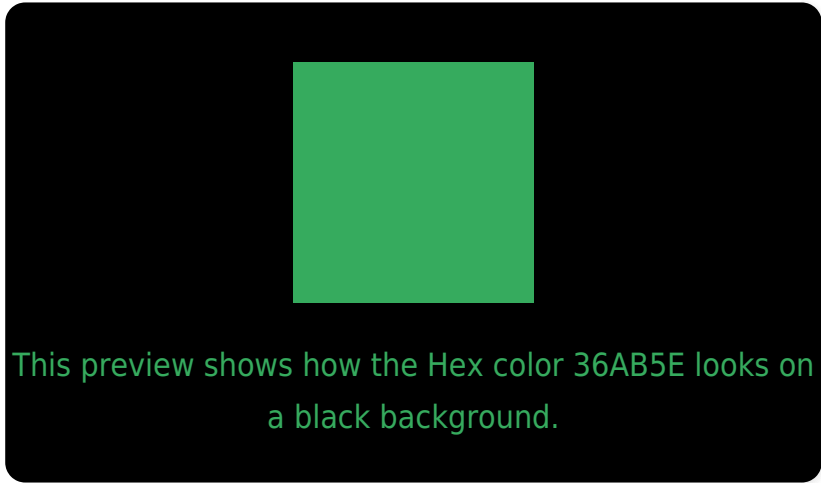
Large Text (above 18pt) WCAG AA × Fail

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

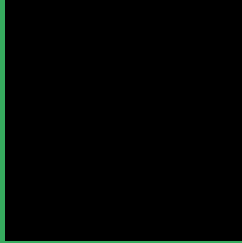
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 36AB5E Background



This preview shows how black text looks on a background with the Hex color 36AB5E.



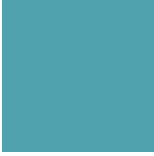
This preview shows how white text looks on a background with the Hex color 36AB5E.

# 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](#).

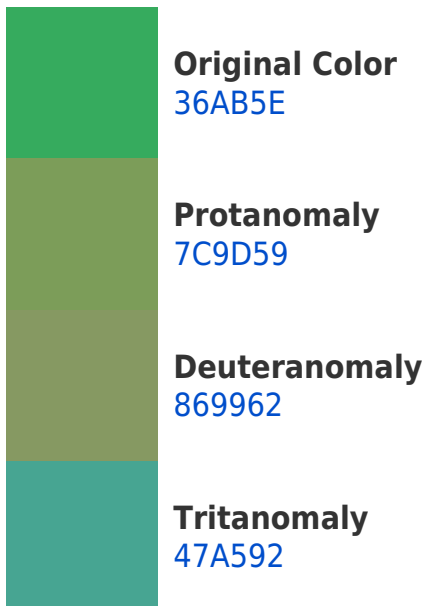
## Dichromacy



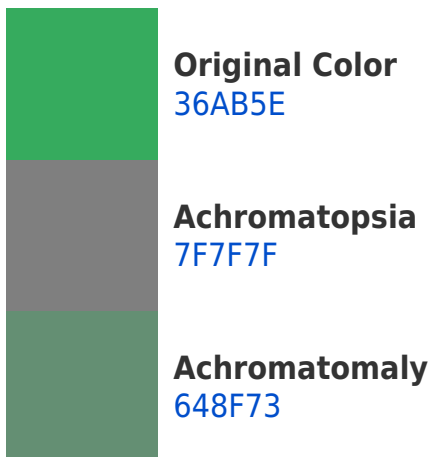


**Tritanopia**  
51A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36AB5E 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 #36AB5E looks like.

```
.text, #text, p{  
    color:#36AB5E  
}
```

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 #36AB5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36AB5E
}
```

## Border

The CSS property to change the border of an element to Hex 36AB5E 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
#36AB5E }
```

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

```
.border{ border-color:#36AB5E }
```

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

Here you see how a box with a 4 pixel #36AB5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36AB5E; -webkit-box-shadow:4px 4px  
4px 4px #36AB5E; box-shadow:4px 4px 4px  
4px #36AB5E }
```

# Background

The CSS property to change the background color of an element to Hex 36AB5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36AB5E }
```

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

```
.background{ background-color:#36AB5E }
```

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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