

# Converting Colors

Hex(36C964)

Have a look what the booklet for  
Hex(36C964) contains.

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**Color**

**Hex(36C964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36C964
RGB	54, 201, 100
RGB Percent	21%, 79%, 39%
CMY	0.7882, 0.2118, 0.6078
CMYK	0.73, 0.00, 0.50, 0.21
HSL	139°, 58%, 50%
HSV	139°, 73%, 79%
XYZ	24.7082, 43.4777, 19.1464
YIQ	145.5330, -55.1910, -62.5750

# Conversions

## Conversions Part 2

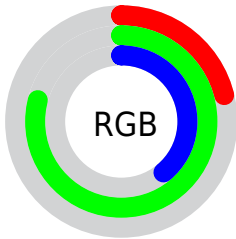
Format	Color
<a href="#">RYB</a>	<a href="#">54, 166, 201</a>
Decimal	<a href="#">3590500</a>
CIELab	<a href="#">71.88, -59.68, 39.47</a>
CIELCh	<a href="#">72, 71.546, 146.522</a>
Yxy	<a href="#">43.4777, 0.2829, 0.4978</a>
Android (android.graphics.Color)	<a href="#">4281780580 (0xFF36C964)</a>
YUV	<a href="#">145.5330, -22.4478, -80.2744</a>
Hunter-Lab	<a href="#">65.9376, -48.5030, 28.9402</a>

# Details

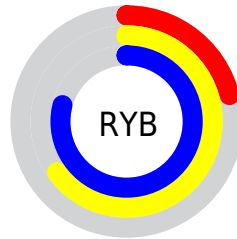
The Hex color **36C964** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C9369B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **79FF99**, and **009232** is the 20% darker color. If you saturate the color by 10%, you get **22C956**, and if you desaturate by 10%, it is **4AC972**.

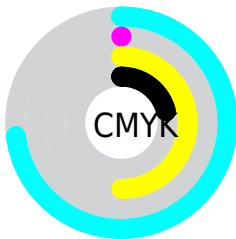
# Distribution



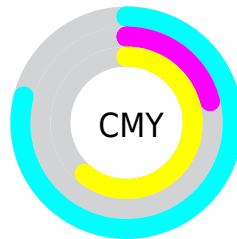
- Red (21%)
- Green (79%)
- Blue (39%)



- Red (21%)
- Yellow (65%)
- Blue (79%)



- Cyan (73%)
- Magenta (0%)
- Yellow (50%)
- Black (21%)



- Cyan (79%)
- Magenta (21%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36C964 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 36C964 by changing the saturation by 10% instead.





36C964



36C964

FFFFFF



00AD4B



79FF99



009232



97FFB4



007718



B5FFD0



005D00



D4FFED



004400



F2FFFF



002D00



000D00



000000



36C964



36C964

■ 22C956

■ 4AC972

■ 0EC948

■ 5EC980

■ 00C93F

■ 72C98D

■ 86C99B

■ 9BC9A9

■ AFC9B7

■ C3C9C5

■ D7C9D2

■ EBC9E0

# Harmonies

## Analogous

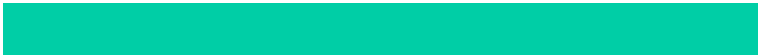
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98BE2C



36C964



00CEA6

# Triad

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



36C964



00BAFF



FF777A

# Complementary

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



36C964



C9369B

# 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.



FF71BB



36C964



A2A2FF

# Square

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



36C964



00C9FF



F885F9



FF9042

# Rectangle

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



36C964



00CFD3



F885F9



FF728F

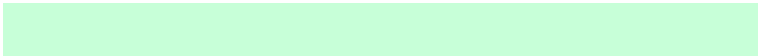


# Sweetspot

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



36C964



C7FFD8



9DC936



5E8069



000000



808080



# Same Dimension

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



36C964



1FFF65



36C9AC



5A635D



00A333



00240B



# Inverse Universe

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



C9369B



FF1FB9



C93653



635A60



A30070



240019



# Previews

## White Background



This preview shows how the Hex color 36C964 looks on a white background.

## Color Contrast Check

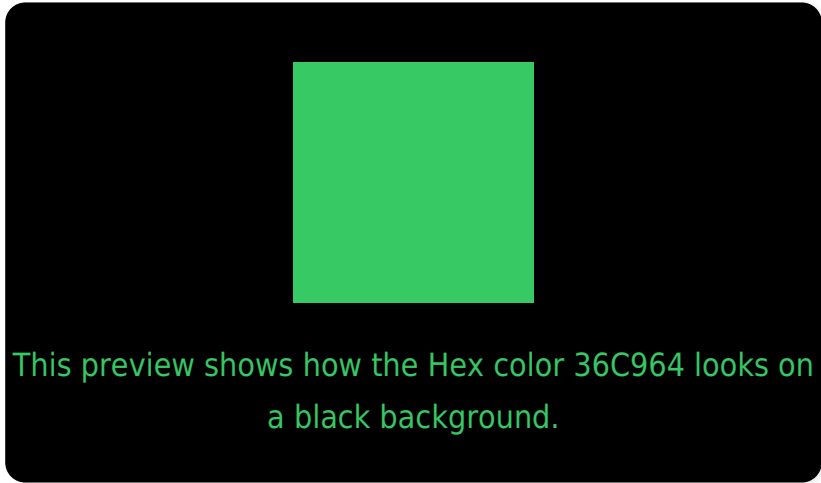
Large Text (above 18pt) WCAG AA × Fail

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 36C964 Background



This preview shows how black text looks on a background with the Hex color 36C964.

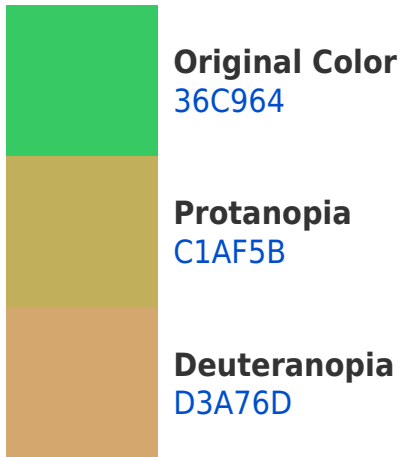


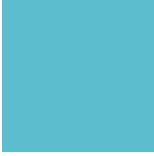
This preview shows how white text looks on a background with the Hex color 36C964.

# 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**  
5BBDCD

# Trichromacy



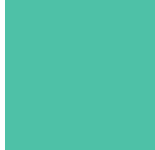
**Original Color**  
36C964



**Protanomaly**  
8EB85E



**Deuteranomaly**  
9AB36A



**Tritanomaly**  
4EC1A7

# Monochromacy



**Original Color**  
36C964



**Achromatopsia**  
929292



**Achromatomaly**  
71A681

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36C964 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 #36C964 looks like.

```
.text, #text, p{  
    color:#36C964  
}
```

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 #36C964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C964
}
```

## Border

The CSS property to change the border of an element to Hex 36C964 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
#36C964 }
```

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

```
.border{ border-color:#36C964 }
```

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

Here you see how a box with a 4 pixel #36C964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C964; -webkit-box-shadow:4px 4px  
4px 4px #36C964; box-shadow:4px 4px 4px  
4px #36C964 }
```

# Background

The CSS property to change the background color of an element to Hex 36C964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C964 }
```

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

```
.background{ background-color:#36C964 }
```

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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