

Converting Colors

Hex(36C975)

Have a look what the booklet for
Hex(36C975) contains.

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Color

Hex(36C975)

Conversions

Conversions Part 1

Format	Color
Hex	36C975
RGB	54, 201, 117
RGB Percent	21%, 79%, 46%
CMY	0.7882, 0.2118, 0.5412
CMYK	0.73, 0.00, 0.42, 0.21
HSL	146°, 58%, 50%
HSV	146°, 73%, 79%
XYZ	25.6189, 43.8419, 23.9417
YIQ	147.4710, -60.6480, -57.2880

Conversions

Conversions Part 2

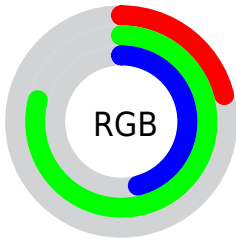
Format	Color
RYB	54, 157, 201
Decimal	3590517
CIELab	72.12, -56.86, 31.22
CIElCh	72, 64.866, 151.229
Yxy	43.8419, 0.2743, 0.4694
Android (android.graphics.Color)	4281780597 (0xFF36C975)
YUV	147.4710, -15.0222, -81.9741
Hunter-Lab	66.2132, -46.8089, 24.9109

Details

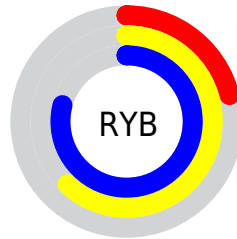
The Hex color **36C975** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C9368A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **79FFAA**, and **009243** is the 20% darker color. If you saturate the color by 10%, you get **22C96A**, and if you desaturate by 10%, it is **4AC980**.

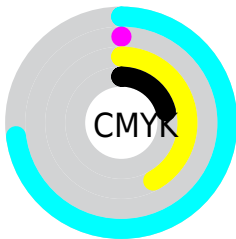
Distribution



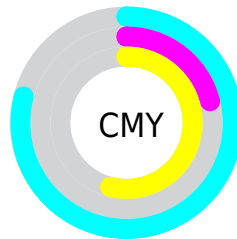
- Red (21%)
- Green (79%)
- Blue (46%)



- Red (21%)
- Yellow (62%)
- Blue (79%)



- Cyan (73%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)



- Cyan (79%)
- Magenta (21%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36C975 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 36C975 by changing the saturation by 10% instead.

 36C975

 36C975

FFFFFF

 00AD5C

 79FFAA

 009243

 97FFC5

 00772B

 B5FFE2

 005D14

 D3FFFF

 004400

 F1FFFF

 002D00

 000E00

 000000

 36C975

 36C975

 22C96A

 4AC980

 0EC95E

 5EC98C

 00C956

 72C997

 86C9A3

 9BC9AE

 AFC9BA

 C3C9C5

 D7C9D1

 EBC9DC

Harmonies

Analogous

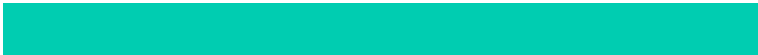
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92BF44



36C975



00CDB1

Triad

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



36C975



00B7FF



FF8277

Complementary

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



36C975



C9368A

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.



FF7AB1



36C975



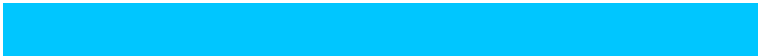
B5A0FF

Square

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



36C975



00C6FF



FB87EB



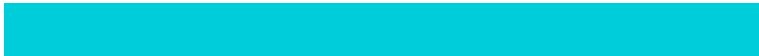
FD9847

Rectangle

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



36C975



00CDDA



FB87EB



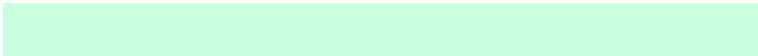
FF7D89

Sweetspot

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



36C975



C7FFDF



8CC936



5E806D



000000



808080

Same Dimension

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



36C975



1FFF7F



36C9BD



5A635E



00A346



00240F

Inverse Universe

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



C9368A



FF1F9F



C93642



635A5F



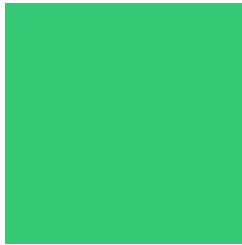
A3005D



240014

Previews

White Background



This preview shows how the Hex color 36C975 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



This preview shows how the Hex color 36C975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

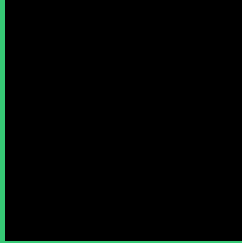
Any Text WCAG AA ✓ Pass

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 36C975 Background



This preview shows how black text looks on a background with the Hex color 36C975.

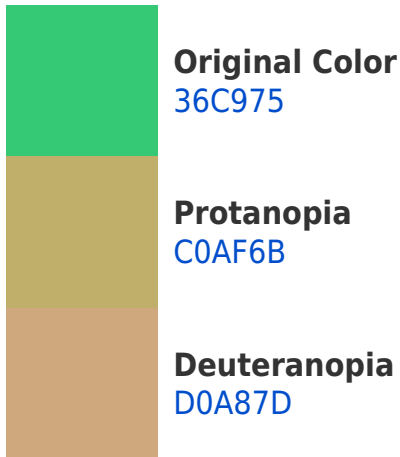


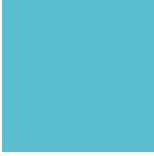
This preview shows how white text looks on a background with the Hex color 36C975.

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
59BFCE

Trichromacy



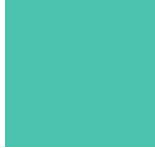
Original Color
36C975



Protanomaly
8EB86F



Deuteranomaly
98B47A



Tritanomaly
4CC3AE

Monochromacy



Original Color
36C975



Achromatopsia
939393



Achromatomaly
71A788

CSS Examples

Text

The CSS property to change the color of the text to Hex 36C975 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 #36C975 looks like.

```
.text, #text, p{  
    color:#36C975  
}
```

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 #36C975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36C975  
}
```

Border

The CSS property to change the border of an element to Hex 36C975 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  
#36C975 }
```

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

```
.border{ border-color:#36C975 }
```

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

Here you see how a box with a 4 pixel #36C975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36C975; -webkit-box-shadow:4px 4px  
4px 4px #36C975; box-shadow:4px 4px 4px  
4px #36C975 }
```

Background

The CSS property to change the background color of an element to Hex 36C975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36C975 }
```

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

```
.background{ background-color:#36C975 }
```

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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