

Converting Colors

Hex(36B345)

Have a look what the booklet for
Hex(36B345) contains.

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Color

Hex(36B345)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 36B345 |
| RGB | 54, 179, 69 |
| RGB Percent | 21%, 70%, 27% |
| CMY | 0.7882, 0.2980, 0.7294 |
| CMYK | 0.70, 0.00, 0.61, 0.30 |
| HSL | 127°, 54%, 46% |
| HSV | 127°, 70%, 70% |
| XYZ | 18.7156, 33.4541, 11.1011 |
| YIQ | 129.0850, -39.1900, -60.7100 |

Conversions

Conversions Part 2

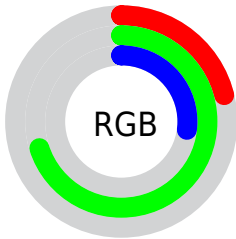
| Format | Color |
|-------------------------------------|--|
| RYB | 54, 166, 179 |
| Decimal | 3584837 |
| CIELab | 64.53, -56.21, 45.41 |
| CIELCh | 65, 72.260, 141.069 |
| Yxy | 33.4541, 0.2958, 0.5287 |
| Android (android.graphics.Color) | 4281774917 (0xFF36B345) |
| YUV | 129.0850, -29.6219, -65.8495 |
| Hunter-Lab | 57.8396, -43.4606, 29.1082 |

Details

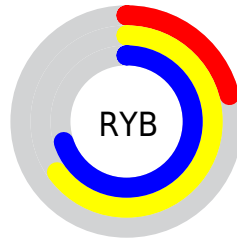
The Hex color **36B345** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B336A4**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **75EC79**, and **007D0D** is the 20% darker color. If you saturate the color by 10%, you get **24B335**, and if you desaturate by 10%, it is **48B355**.

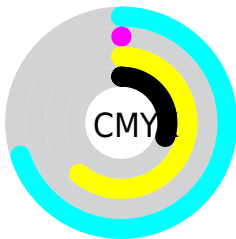
Distribution



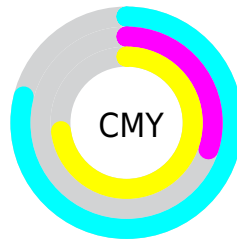
- Red (21%)
- Green (70%)
- Blue (27%)



- Red (21%)
- Yellow (65%)
- Blue (70%)



- Cyan (70%)
- Magenta (0%)
- Yellow (61%)
- Black (30%)



- Cyan (79%)
- Magenta (30%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B345 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 36B345 by changing the saturation by 10% instead.



36B345



36B345

FFFFFF



00982B



75EC79



007D0D



93FF94



006300



B0FFAF



004A00



CEFFCB



003300



ECFFE8



001800



000000



36B345



36B345



24B335



48B355

 12B325

 5AB365

 00B316

 6CB374

 00B315

 7EB384

 90B394

 A1B3A4

 B3B3B3

 C5B3C3

 D7B3D3

Harmonies

Analogous

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



90A700



36B345



00B986

Triad

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



36B345



00AAFF



FF5E72

Complementary

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



36B345



B336A4

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.



FF5CB3



36B345



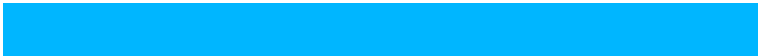
7294FF

Square

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



36B345



00B6FF



D776EF



F87737

Rectangle

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



36B345



00BAB3



D776EF



FF5987

Sweetspot

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



36B345



B7E8BD



A4B336



58755B



F5F5F5



757575

Same Dimension

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



36B345



25E83D



36B383



505951



009912



001A03

Inverse Universe

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



B336A4



E825D1



B33666



595058



990087



1A0016

Previews

White Background



This preview shows how the Hex color 36B345 looks on a white background.

Color Contrast Check

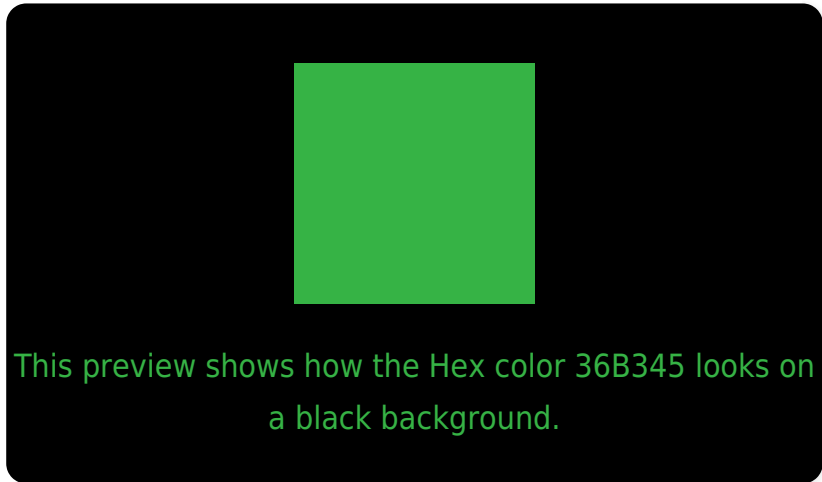
Large Text (above 18pt) WCAG AA × Fail

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 36B345 Background



This preview shows how black text looks on a background with the Hex color 36B345.

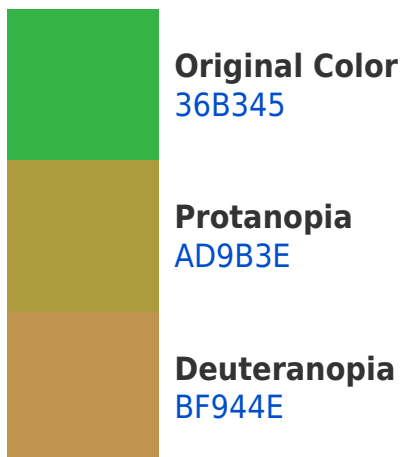


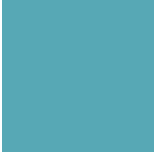
This preview shows how white text looks on a background with the Hex color 36B345.

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
57A8B5

Trichromacy



Original Color
36B345



Protanomaly
82A441



Deuteranomaly
8D9F4B



Tritanomaly
4BAC8C

Monochromacy



Original Color
36B345



Achromatopsia
818181



Achromatomaly
66936B

CSS Examples

Text

The CSS property to change the color of the text to Hex 36B345 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 #36B345 looks like.

```
.text, #text, p{  
    color:#36B345  
}
```

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 #36B345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B345
}
```

Border

The CSS property to change the border of an element to Hex 36B345 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
#36B345 }
```

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

```
.border{ border-color:#36B345 }
```

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

Here you see how a box with a 4 pixel #36B345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B345; -webkit-box-shadow:4px 4px  
4px 4px #36B345; box-shadow:4px 4px 4px  
4px #36B345 }
```

Background

The CSS property to change the background color of an element to Hex 36B345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B345 }
```

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

```
.background{ background-color:#36B345 }
```

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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