

Converting Colors

Hex(36CE67)

Have a look what the booklet for
Hex(36CE67) contains.

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Color

Hex(36CE67)

Conversions

Conversions Part 1

Format	Color
Hex	36CE67
RGB	54, 206, 103
RGB Percent	21%, 81%, 40%
CMY	0.7882, 0.1922, 0.5961
CMYK	0.74, 0.00, 0.50, 0.19
HSL	139°, 61%, 51%
HSV	139°, 74%, 81%
XYZ	26.0408, 45.9062, 20.3202
YIQ	148.8100, -57.5290, -64.2570

Conversions

Conversions Part 2

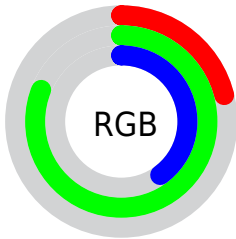
Format	Color
RYB	54, 169, 206
Decimal	3591783
CIELab	73.48, -60.96, 39.99
CIELCh	73, 72.911, 146.737
Yxy	45.9062, 0.2822, 0.4975
Android (android.graphics.Color)	4281781863 (0xFF36CE67)
YUV	148.8100, -22.5843, -83.1484
Hunter-Lab	67.7541, -49.9644, 29.6461

Details

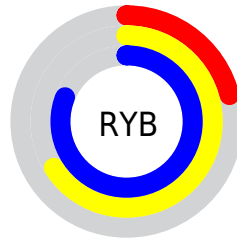
The Hex color **36CE67** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CE369D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7AFF9C**, and **009635** is the 20% darker color. If you saturate the color by 10%, you get **21CE59**, and if you desaturate by 10%, it is **4BCE75**.

Distribution



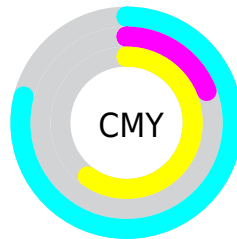
- Red (21%)
- Green (81%)
- Blue (40%)



- Red (21%)
- Yellow (66%)
- Blue (81%)



- Cyan (74%)
- Magenta (0%)
- Yellow (50%)
- Black (19%)



- Cyan (79%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36CE67 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 36CE67 by changing the saturation by 10% instead.

 36CE67

 36CE67

FFFFFF

 00B24E

 7AFF9C

 009635

 98FFB7

 007B1B

 B7FFD3

 006100

 D5FFF0

 004800

 F4FFFF

 003100

 001400

 000000

 36CE67

 36CE67

 21CE59

 4BCE75

 0DCE4B

 5FCE83

 00CE42

 74CE91

 88CE9F

 9DCEAD

 B2CEBB

 C6CEC9

 DBCED7

 EFCEE5

Harmonies

Analogous

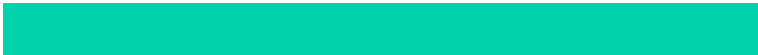
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9BC22E



36CE67



00D3AB

Triad

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



36CE67



00BFFF



FF7A7C

Complementary

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



36CE67



CE369D

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.



FF74BF



36CE67



A7A6FF

Square

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



36CE67



00CDFE



FE88FF



FF9443

Rectangle

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



36CE67



00D4D9



FE88FF



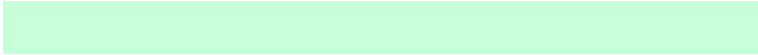
FF7592

Sweetspot

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



36CE67



C7FFD9



9ECE36



5E8069



000000



808080

Same Dimension

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



36CE67



1CFF65



36CEB2



5C665F



00A635



00260C

Inverse Universe

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



CE369D



FF1CB6



CE3652



665C63



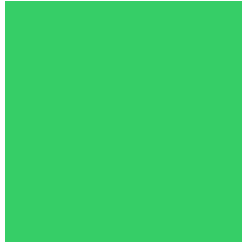
A60070



26001A

Previews

White Background



This preview shows how the Hex color 36CE67 looks on a white background.

Color Contrast Check

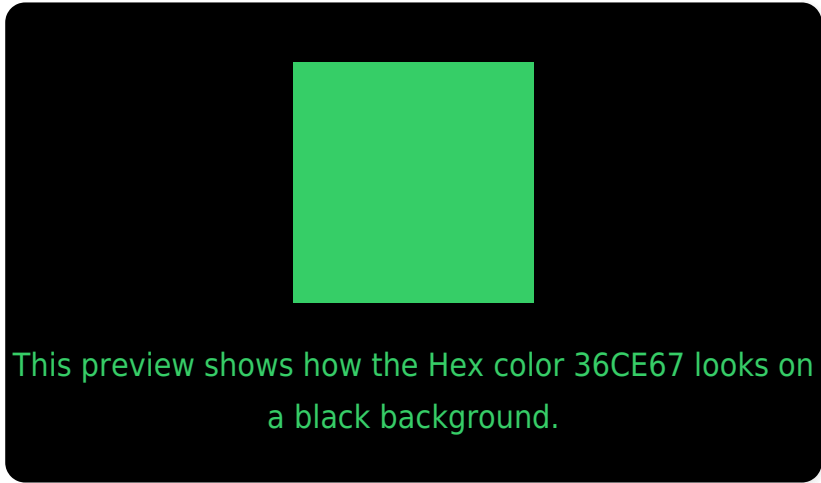
Large Text (above 18pt) WCAG AA × Fail

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 36CE67 Background



This preview shows how black text looks on a background with the Hex color 36CE67.

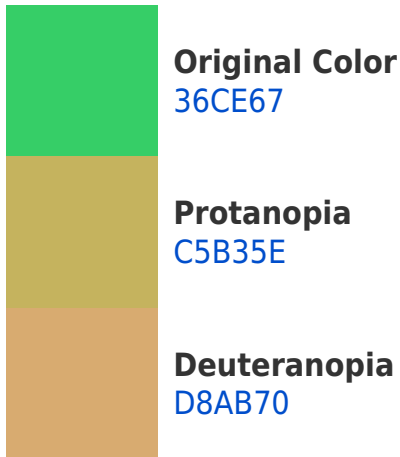


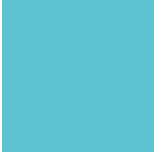
This preview shows how white text looks on a background with the Hex color 36CE67.

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
5DC2D2

Trichromacy



Original Color
36CE67



Protanomaly
91BD61



Deuteranomaly
9DB86D



Tritanomaly
4FC6AB

Monochromacy



Original Color
36CE67



Achromatopsia
959595



Achromatomaly
72AA84

CSS Examples

Text

The CSS property to change the color of the text to Hex 36CE67 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 #36CE67 looks like.

```
.text, #text, p{  
    color:#36CE67  
}
```

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 #36CE67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36CE67
}
```

Border

The CSS property to change the border of an element to Hex 36CE67 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
#36CE67 }
```

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

```
.border{ border-color:#36CE67 }
```

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

Here you see how a box with a 4 pixel #36CE67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36CE67; -webkit-box-shadow:4px 4px  
4px 4px #36CE67; box-shadow:4px 4px 4px  
4px #36CE67 }
```

Background

The CSS property to change the background color of an element to Hex 36CE67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36CE67 }
```

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

```
.background{ background-color:#36CE67 }
```

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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