

Converting Colors

Hex(35CD69)

Have a look what the booklet for
Hex(35CD69) contains.

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Color

Hex(35CD69)

Conversions

Conversions Part 1

Format	Color
Hex	35CD69
RGB	53, 205, 105
RGB Percent	21%, 80%, 41%
CMY	0.7922, 0.1961, 0.5882
CMYK	0.74, 0.00, 0.49, 0.20
HSL	141°, 60%, 51%
HSV	141°, 74%, 80%
XYZ	25.8493, 45.4394, 20.7729
YIQ	148.1520, -58.4920, -63.3240

Conversions

Conversions Part 2

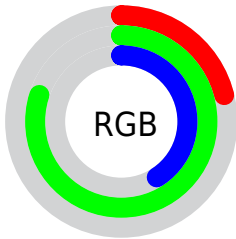
Format	Color
RYB	53, 166, 205
Decimal	3525993
CIELab	73.18, -60.45, 38.62
CIELCh	73, 71.737, 147.424
Yxy	45.4394, 0.2808, 0.4936
Android (android.graphics.Color)	4281716073 (0xFF35CD69)
YUV	148.1520, -21.2739, -83.4483
Hunter-Lab	67.4088, -49.5158, 28.9152

Details

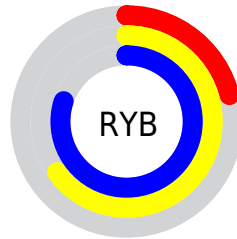
The Hex color **35CD69** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CD3599**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **79FF9E**, and **009537** is the 20% darker color. If you saturate the color by 10%, you get **21CD5C**, and if you desaturate by 10%, it is **4ACD76**.

Distribution



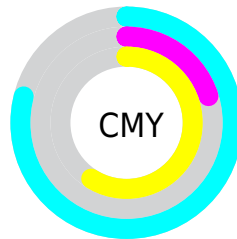
- Red (21%)
- Green (80%)
- Blue (41%)



- Red (21%)
- Yellow (65%)
- Blue (80%)



- Cyan (74%)
- Magenta (0%)
- Yellow (49%)
- Black (20%)



- Cyan (79%)
- Magenta (20%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35CD69 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 35CD69 by changing the saturation by 10% instead.

 35CD69

 35CD69

FFFFFF

 00B150


 79FF9E

 009537

 98FFB9

 007A1E

 B6FFD5

 006000

 D4FFF2

 004700

 F3FFFF

 003000

 001300

 000000

 35CD69

 35CD69

■ 21CD5C

■ 4ACD76

■ 0CCD4E

■ 5ECD84

■ 00CD46

■ 73CD91

■ 87CD9F

■ 9CCDAC

■ B0CDBA

■ C5CDC7

■ D9CDD5

■ EECDE2

Harmonies

Analogous

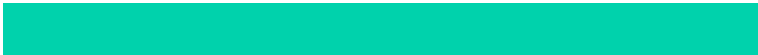
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99C231



35CD69



00D2AC

Triad

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



35CD69



00BDFE



FF7B7B

Complementary

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



35CD69



CD3599

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.



FF74BC



35CD69



A9A5FF

Square

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



35CD69



00CCFF



FE87FB



FF9543

Rectangle

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



35CD69



00D3D9



FE87FB



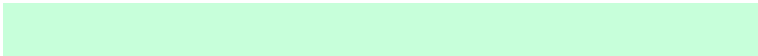
FF7690

Sweetspot

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



35CD69



C7FFDA



9ACD35



5E806A



000000



808080

Same Dimension

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



35CD69



1CFF6A



35CDB4



5C665F



00A639



00260D

Inverse Universe

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



CD3599



FF1CB1



CD354E



665C63



A6006D



260019

Previews

White Background



This preview shows how the Hex color 35CD69 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 35CD69 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 35CD69 Background



This preview shows how black text looks on a background with the Hex color 35CD69.

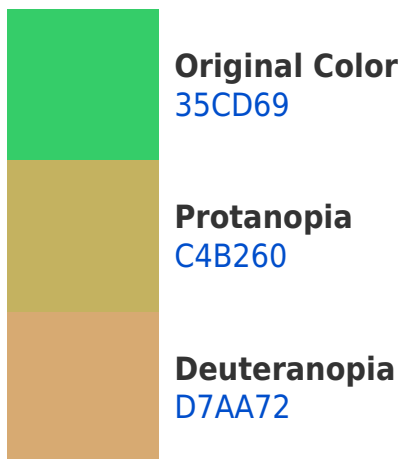


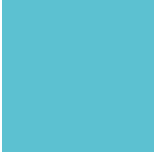
This preview shows how white text looks on a background with the Hex color 35CD69.

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
5CC1D1

Trichromacy



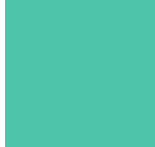
Original Color
35CD69



Protanomaly
90BC63



Deuteranomaly
9CB76F



Tritanomaly
4EC5AB

Monochromacy



Original Color
35CD69



Achromatopsia
949494



Achromatomaly
71A984

CSS Examples

Text

The CSS property to change the color of the text to Hex 35CD69 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 #35CD69 looks like.

```
.text, #text, p{  
    color:#35CD69  
}
```

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 #35CD69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35CD69
}
```

Border

The CSS property to change the border of an element to Hex 35CD69 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
#35CD69 }
```

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

```
.border{ border-color:#35CD69 }
```

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

Here you see how a box with a 4 pixel #35CD69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35CD69; -webkit-box-shadow:4px 4px  
4px 4px #35CD69; box-shadow:4px 4px 4px  
4px #35CD69 }
```

Background

The CSS property to change the background color of an element to Hex 35CD69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35CD69 }
```

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

```
.background{ background-color:#35CD69 }
```

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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