

Converting Colors

Hex(3DCE55)

Have a look what the booklet for
Hex(3DCE55) contains.

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Color

Hex(3DCE55)

Conversions

Conversions Part 1

Format	Color
Hex	3DCE55
RGB	61, 206, 85
RGB Percent	24%, 81%, 33%
CMY	0.7608, 0.1922, 0.6667
CMYK	0.70, 0.00, 0.59, 0.19
HSL	130°, 60%, 52%
HSV	130°, 70%, 81%
XYZ	25.6355, 45.7906, 16.0817
YIQ	148.8510, -47.5790, -68.3710

Conversions

Conversions Part 2

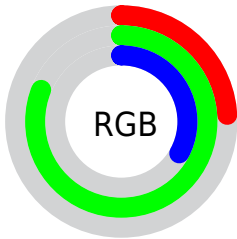
Format	Color
RYB	61, 185, 206
Decimal	4050517
CIELab	73.41, -62.33, 48.44
CIELCh	73, 78.940, 142.152
Yxy	45.7906, 0.2930, 0.5233
Android (android.graphics.Color)	4282240597 (0xFF3DCE55)
YUV	148.8510, -31.4785, -77.0453
Hunter-Lab	67.6687, -50.7978, 33.2777

Details

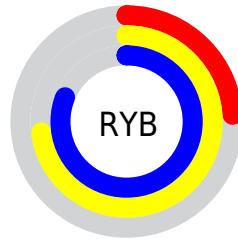
The Hex color **3DCE55** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **CE3DB6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7FFF8A**, and **00961F** is the 20% darker color. If you saturate the color by 10%, you get **28CE44**, and if you desaturate by 10%, it is **52CE66**.

Distribution



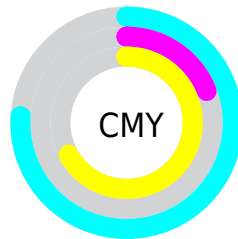
- Red (24%)
- Green (81%)
- Blue (33%)



- Red (24%)
- Yellow (73%)
- Blue (81%)



- Cyan (70%)
- Magenta (0%)
- Yellow (59%)
- Black (19%)



- Cyan (76%)
- Magenta (19%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DCE55 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 3DCE55 by changing the saturation by 10% instead.



3DCE55



3DCE55

FFFFFF



02B23B



7FFF8A



00961F



9DFFA5



007B00



BCFFC1



006100



DAFFDE



004800



F9FFFB



003100



001400



000000



3DCE55



3DCE55

 28CE44

 52CE66

 14CE33

 66CE77

 00CE22

 7BCE89

 8FCE9A

 A4CEAB

 B9CEBC

 CDCECD

 E2CEDF

 F6CEFO

Harmonies

Analogous

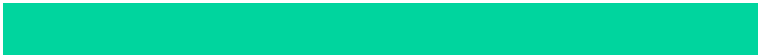
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3C107



3DCE55



00D59E

Triad

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



3DCE55



00C2FF



FF6F82

Complementary

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



3DCE55



CE3DB6

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.



FF6CCB



3DCE55



8CA9FF

Square

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



3DCE55



00D1FF



F988FF



FF8C41

Rectangle

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



3DCE55



00D6D1



F988FF



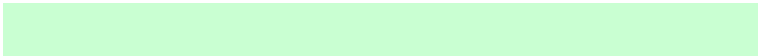
FF6A9A

Sweetspot

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



3DCE55



C9FFD2



B8CE3D



608065



000000



808080

Same Dimension

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



3DCE55



29FF4C



3DCE9B



5C665D



00A61B



002606

Inverse Universe

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



CE3DB6



FF29DC



CE3D70



665C64



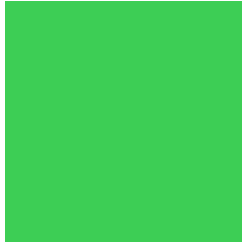
A6008A



260020

Previews

White Background



This preview shows how the Hex color 3DCE55 looks on a white background.

Color Contrast Check

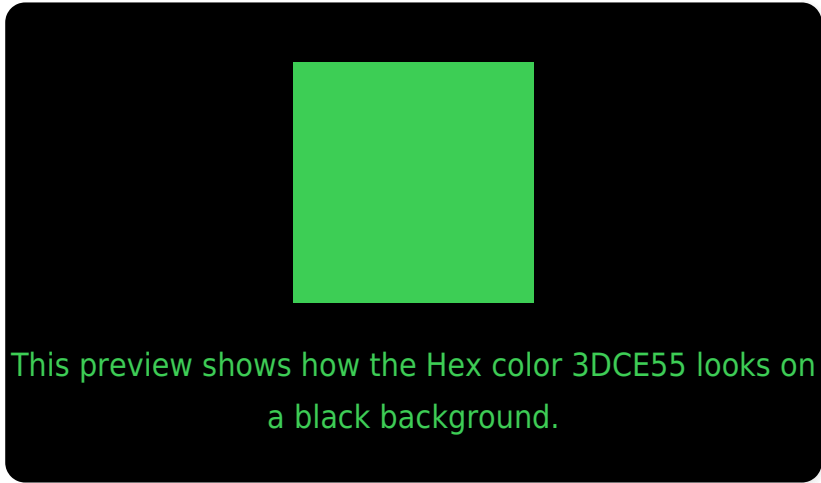
Large Text (above 18pt) WCAG AA × Fail

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

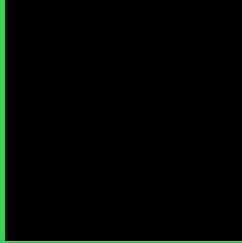
Any Text WCAG AA ✓ Pass

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 3DCE55 Background



This preview shows how black text looks on a background with the Hex color 3DCE55.

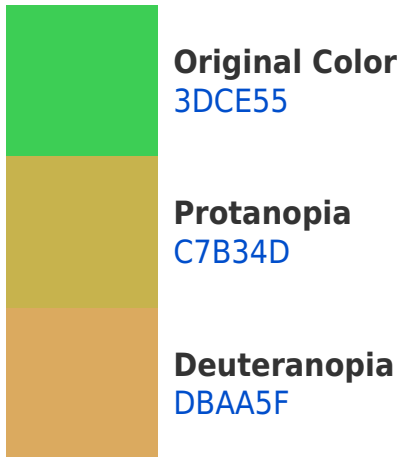


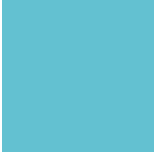
This preview shows how white text looks on a background with the Hex color 3DCE55.

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
63C1D1

Trichromacy



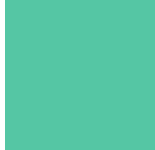
Original Color
3DCE55



Protanomaly
95BD50



Deuteranomaly
A2B75B



Tritanomaly
55C6A4

Monochromacy



Original Color
3DCE55



Achromatopsia
959595



Achromatomaly
75AA7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DCE55 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 #3DCE55 looks like.

```
.text, #text, p{  
    color:#3DCE55  
}
```

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 #3DCE55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCE55
}
```

Border

The CSS property to change the border of an element to Hex 3DCE55 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
#3DCE55 }
```

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

```
.border{ border-color:#3DCE55 }
```

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

Here you see how a box with a 4 pixel #3DCE55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCE55; -webkit-box-shadow:4px 4px  
4px 4px #3DCE55; box-shadow:4px 4px 4px  
4px #3DCE55 }
```

Background

The CSS property to change the background color of an element to Hex 3DCE55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCE55 }
```

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

```
.background{ background-color:#3DCE55 }
```

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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