

Converting Colors

Hex(3DCC52)

Have a look what the booklet for
Hex(3DCC52) contains.

Hex(3DCC52)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3DCC52)

Conversions

Conversions Part 1

Format	Color
Hex	3DCC52
RGB	61, 204, 82
RGB Percent	24%, 80%, 32%
CMY	0.7608, 0.2000, 0.6784
CMYK	0.70, 0.00, 0.60, 0.20
HSL	129°, 58%, 52%
HSV	129°, 70%, 80%
XYZ	25.0403, 44.7870, 15.3076
YIQ	147.3350, -46.0660, -68.2580

Conversions

Conversions Part 2

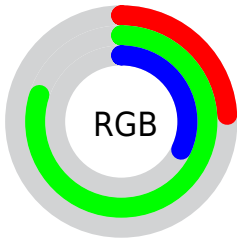
Format	Color
RYB	61, 186, 204
Decimal	4050002
CIELab	72.75, -62.02, 49.02
CIELCh	73, 79.055, 141.674
Yxy	44.7870, 0.2941, 0.5261
Android (android.graphics.Color)	4282240082 (0xFF3DCC52)
YUV	147.3350, -32.2102, -75.7158
Hunter-Lab	66.9231, -50.3269, 33.2845

Details

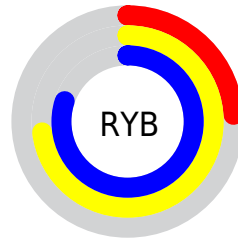
The Hex color **3DCC52** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **CC3DB7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7FFF87**, and **00941C** is the 20% darker color. If you saturate the color by 10%, you get **29CC41**, and if you desaturate by 10%, it is **51CC63**.

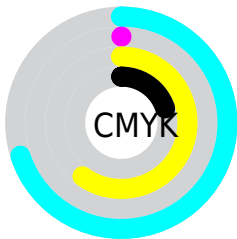
Distribution



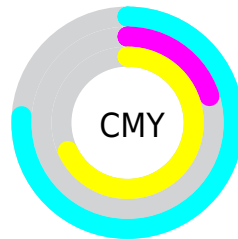
- Red (24%)
- Green (80%)
- Blue (32%)



- Red (24%)
- Yellow (73%)
- Blue (80%)



- Cyan (70%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)



- Cyan (76%)
- Magenta (20%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DCC52 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 3DCC52 by changing the saturation by 10% instead.



3DCC52



3DCC52

FFFFFF



03B038



7FFF87



00941C



9DFFA2



007A00



BBFFBE



005F00



DAFFDB



004600



F8FFF8



002F00



001100



000000



3DCC52



3DCC52

 29CC41

 51CC63

 14CC2F

 66CC75

 00CC1E

 7ACC86

 8FCC98

 A3CCA9

 B7CCBA

 CCCCCC

 E0CCDD

 F5CCEF

Harmonies

Analogous

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



A3BE00



3DCC52



00D39B

Triad

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



3DCC52



00C1FF



FF6D82

Complementary

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



3DCC52



CC3DB7

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.



FF6ACA



3DCC52



87A8FF

Square

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



3DCC52



00CFFF



F586FF



FF8A40

Rectangle

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



3DCC52



00D4CE



F586FF



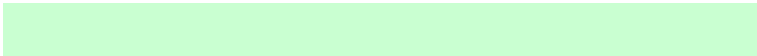
FF6899

Sweetspot

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



3DCC52



C9FFD1



B9CC3D



608064



000000



808080

Same Dimension

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



3DCC52



29FF48



3DCC98



5C665D



00A618



002606

Inverse Universe

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



CC3DB7



FF29E0



CC3D71



665C65



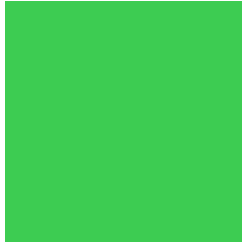
A6008D



260021

Previews

White Background



This preview shows how the Hex color 3DCC52 looks on a white background.

Color Contrast Check

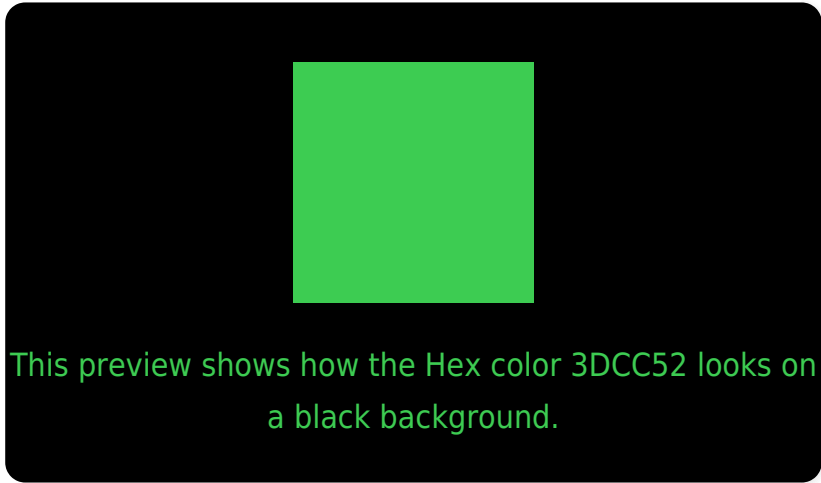
Large Text (above 18pt) WCAG AA × Fail

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 3DCC52 Background



This preview shows how black text looks on a background with the Hex color 3DCC52.

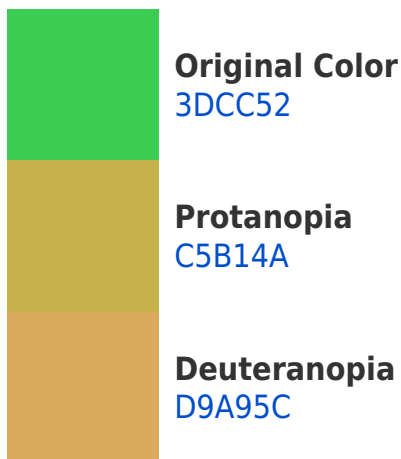


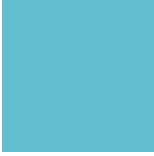
This preview shows how white text looks on a background with the Hex color 3DCC52.

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
63BFCF

Trichromacy



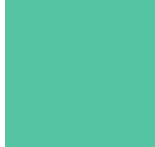
Original Color
3DCC52



Protanomaly
94BB4D



Deuteranomaly
A0B658



Tritanomaly
55C4A2

Monochromacy



Original Color
3DCC52



Achromatopsia
939393



Achromatomaly
74A87B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DCC52 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 #3DCC52 looks like.

```
.text, #text, p{  
    color:#3DCC52  
}
```

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 #3DCC52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCC52
}
```

Border

The CSS property to change the border of an element to Hex 3DCC52 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
#3DCC52 }
```

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

```
.border{ border-color:#3DCC52 }
```

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

Here you see how a box with a 4 pixel #3DCC52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCC52; -webkit-box-shadow:4px 4px  
4px 4px #3DCC52; box-shadow:4px 4px 4px  
4px #3DCC52 }
```

Background

The CSS property to change the background color of an element to Hex 3DCC52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCC52 }
```

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

```
.background{ background-color:#3DCC52 }
```

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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