

Converting Colors

Hex(3DCC90)

Have a look what the booklet for
Hex(3DCC90) contains.

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Color

Hex(3DCC90)

Conversions

Conversions Part 1

Format	Color
Hex	3DCC90
RGB	61, 204, 144
RGB Percent	24%, 80%, 56%
CMY	0.7608, 0.2000, 0.4353
CMYK	0.70, 0.00, 0.29, 0.20
HSL	155°, 58%, 52%
HSV	155°, 70%, 80%
XYZ	28.5514, 46.1914, 33.7966
YIQ	154.4030, -65.9680, -48.9760

Conversions

Conversions Part 2

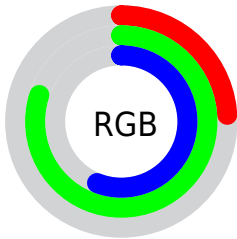
Format	Color
RYB	61, 151, 204
Decimal	4050064
CIELab	73.67, -51.64, 19.19
CIElCh	74, 55.094, 159.618
Yxy	46.1914, 0.2631, 0.4256
Android (android.graphics.Color)	4282240144 (0xFF3DCC90)
YUV	154.4030, -5.1287, -81.9144
Hunter-Lab	67.9643, -43.9508, 18.0919

Details

The Hex color **3DCC90** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC3D79**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7EFFC6**, and **00955D** is the 20% darker color. If you saturate the color by 10%, you get **29CC87**, and if you desaturate by 10%, it is **51CC99**.

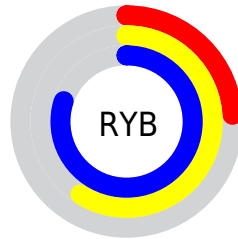
Distribution



Red (24%)

Green (80%)

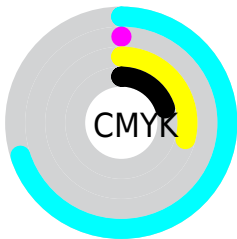
Blue (56%)



Red (24%)

Yellow (59%)

Blue (80%)

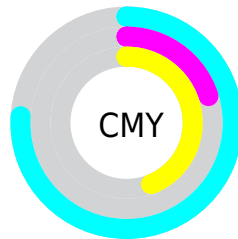


Cyan (70%)

Magenta (0%)

Yellow (29%)

Black (20%)



Cyan (76%)

Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DCC90 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 3DCC90 by changing the saturation by 10% instead.

 3DCC90

 3DCC90

FFFFFF

 06B076

 7EFFC6

 00955D

 9CFFE2

 007A45

 BAFFFF

 00602F

 D8FFFF

 004719

 F6FFFF

 003000

 001500

 000000

 3DCC90

 3DCC90

■ 29CC87

■ 51CC99

■ 14CC7F

■ 66CCA1

■ 00CC76

■ 7ACCAA

■ 8FCCB2

■ A3CCBB

■ B7CCC3

■ CCCCCC

■ E0CCD4

■ F5CCDD

Harmonies

Analogous

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



8CC464



3DCC90



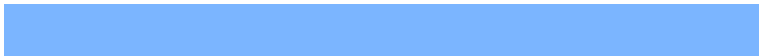
00CFC4

Triad

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



3DCC90



7BB5FF



FF9477

Complementary

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



3DCC90



CC3D79

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.



FF8AA7



3DCC90



CEA1FF

Square

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



3DCC90



00C4FF



FF8FD9



EFA655

Rectangle

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



3DCC90



00CEE5



FF8FD9



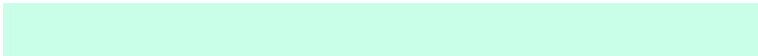
FF8F86

Sweetspot

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



3DCC90



C9FFE9



7BCC3D



608072



000000



808080

Same Dimension

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



3DCC90



29FFA5



3DC2CC



5C6662



00A660



002616

Inverse Universe

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



CC3D79



FF2983



CC473D



665C60



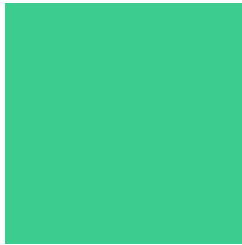
A60046



260010

Previews

White Background



This preview shows how the Hex color 3DCC90 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 3DCC90 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

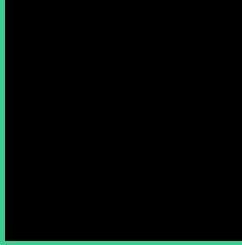
Any Text WCAG AA ✓ Pass

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 3DCC90 Background



This preview shows how black text looks on a background with the Hex color 3DCC90.

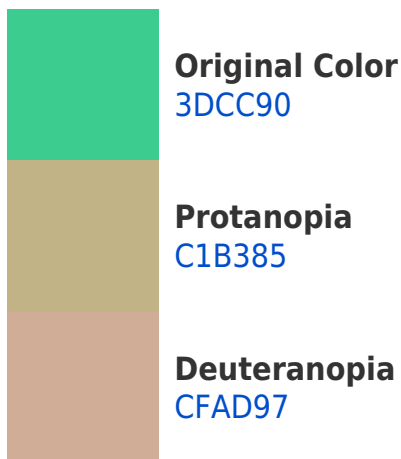


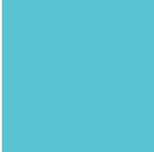
This preview shows how white text looks on a background with the Hex color 3DCC90.

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](#).

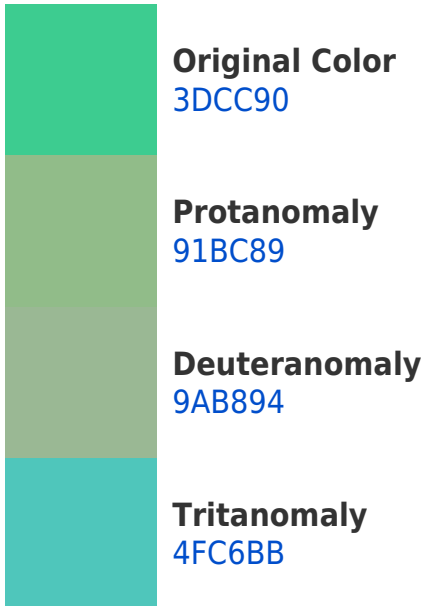
Dichromacy



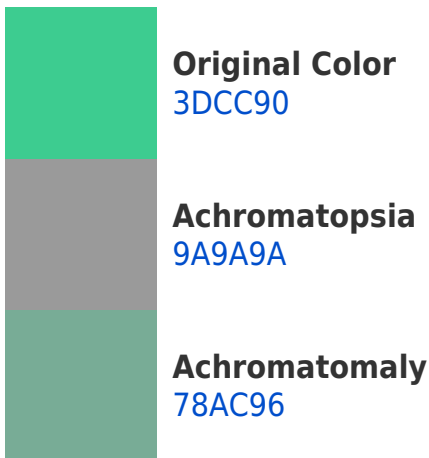


Tritanopia
59C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DCC90 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 #3DCC90 looks like.

```
.text, #text, p{  
    color:#3DCC90  
}
```

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 #3DCC90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCC90
}
```

Border

The CSS property to change the border of an element to Hex 3DCC90 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
#3DCC90 }
```

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

```
.border{ border-color:#3DCC90 }
```

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

Here you see how a box with a 4 pixel #3DCC90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCC90; -webkit-box-shadow:4px 4px  
4px 4px #3DCC90; box-shadow:4px 4px 4px  
4px #3DCC90 }
```

Background

The CSS property to change the background color of an element to Hex 3DCC90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCC90 }
```

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

```
.background{ background-color:#3DCC90 }
```

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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