

Converting Colors

Hex(29CC92)

Have a look what the booklet for
Hex(29CC92) contains.

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Color

Hex(29CC92)

Conversions

Conversions Part 1

Format	Color
Hex	29CC92
RGB	41, 204, 146
RGB Percent	16%, 80%, 57%
CMY	0.8392, 0.2000, 0.4275
CMYK	0.80, 0.00, 0.28, 0.20
HSL	159°, 67%, 48%
HSV	159°, 80%, 80%
XYZ	27.6956, 45.7325, 34.5617
YIQ	148.6510, -78.5300, -52.5940

Conversions

Conversions Part 2

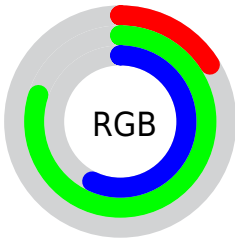
Format	Color
RYB	41, 140, 204
Decimal	2739346
CIELab	73.37, -53.74, 17.66
CIELCh	73, 56.567, 161.809
Yxy	45.7325, 0.2565, 0.4235
Android (android.graphics.Color)	4280929426 (0xFF29CC92)
YUV	148.6510, -1.3069, -94.4099
Hunter-Lab	67.6258, -45.2418, 17.0366

Details

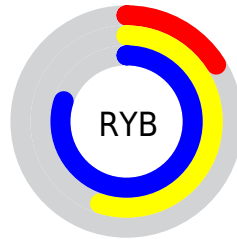
The Hex color **29CC92** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CC2963**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **72FFC8**, and **00955F** is the 20% darker color. If you saturate the color by 10%, you get **15CC8B**, and if you desaturate by 10%, it is **3DCC99**.

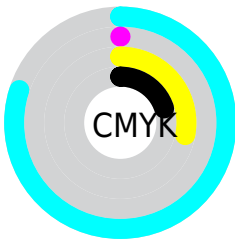
Distribution



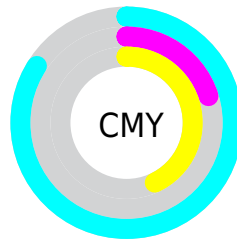
- Red (16%)
- Green (80%)
- Blue (57%)



- Red (16%)
- Yellow (55%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29CC92 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 29CC92 by changing the saturation by 10% instead.

 29CC92

 29CC92

FFFFFF

 00B078

 72FFC8

 00955F

 91FFE4

 007A47

 B0FFFF

 006031

 CEFFFF

 00471B

 EDFFFF

 003002

 001400

 000000

 29CC92

 29CC92

 15CC8B

 3DCC99

 00CC83

 52CCA1

 66CCA8

 7BCCAF

 8FCCB6

 A3CCBE

 B8CCC5

 CCCCCC

 E1CCD3

Harmonies

Analogous

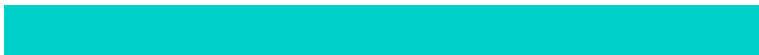
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85C564



29CC92



00CEC8

Triad

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



29CC92



7FB3FF



FF9371

Complementary

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



29CC92



CC2963

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.



FF87A2



29CC92



D39EFF

Square

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



29CC92



00C3FF



FF8CD6



ECA650

Rectangle

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



29CC92



00CDE9



FF8CD6



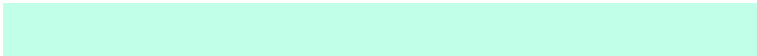
FF8E80

Sweetspot

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



29CC92



C2FFE9



65CC29



5B8072



000000



808080

Same Dimension

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



29CC92



0AFFA8



29B6CC



5C6662



00A66B



002619

Inverse Universe

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



CC2963



FF0A61



CC3F29



665C5F



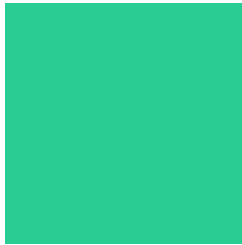
A6003B



26000E

Previews

White Background



This preview shows how the Hex color 29CC92 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 29CC92 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

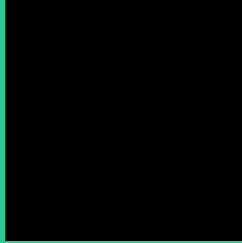
Any Text WCAG AA ✓ Pass

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 29CC92 Background



This preview shows how black text looks on a background with the Hex color 29CC92.

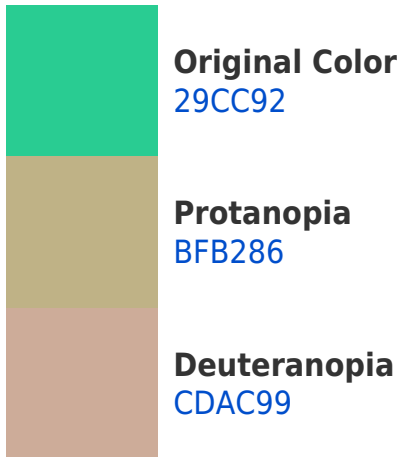


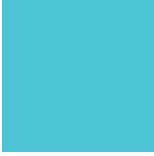
This preview shows how white text looks on a background with the Hex color 29CC92.

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](#).

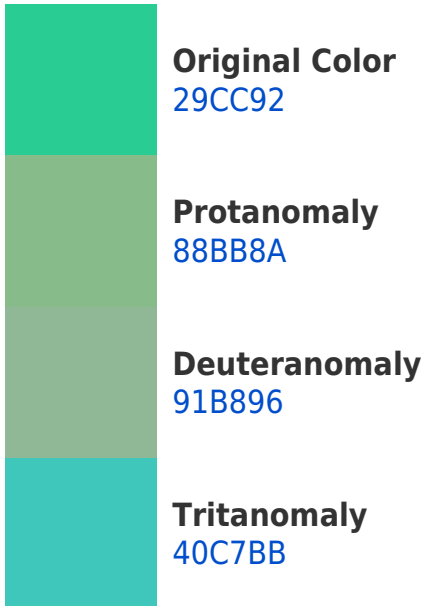
Dichromacy





Tritanopia
4DC4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29CC92 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 #29CC92 looks like.

```
.text, #text, p{  
    color:#29CC92  
}
```

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 #29CC92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29CC92
}
```

Border

The CSS property to change the border of an element to Hex 29CC92 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
#29CC92 }
```

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

```
.border{ border-color:#29CC92 }
```

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

Here you see how a box with a 4 pixel #29CC92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29CC92; -webkit-box-shadow:4px 4px  
4px 4px #29CC92; box-shadow:4px 4px 4px  
4px #29CC92 }
```

Background

The CSS property to change the background color of an element to Hex 29CC92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29CC92 }
```

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

```
.background{ background-color:#29CC92 }
```

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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