

Converting Colors

Hex(299F91)

Have a look what the booklet for
Hex(299F91) contains.

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Color

Hex(299F91)

Conversions

Conversions Part 1

Format	Color
Hex	299F91
RGB	41, 159, 145
RGB Percent	16%, 62%, 57%
CMY	0.8392, 0.3765, 0.4314
CMYK	0.74, 0.00, 0.09, 0.38
HSL	173°, 59%, 39%
HSV	173°, 74%, 62%
XYZ	18.4234, 27.3120, 31.0888
YIQ	122.1220, -65.8340, -29.3700

Conversions

Conversions Part 2

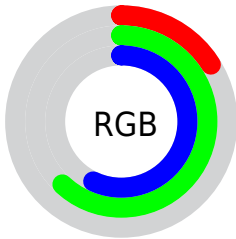
Format	Color
RYB	41, 104, 159
Decimal	2727825
CIELab	59.26, -35.04, -1.94
CIELCh	59, 35.093, 183.162
Yxy	27.3120, 0.2398, 0.3555
Android (android.graphics.Color)	4280917905 (0xFF299F91)
YUV	122.1220, 11.2789, -71.1440
Hunter-Lab	52.2609, -28.5304, 1.3124

Details

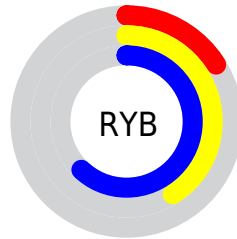
The Hex color **299F91** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F2937**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **69D6C7**, and **006B5F** is the 20% darker color. If you saturate the color by 10%, you get **199F8F**, and if you desaturate by 10%, it is **399F93**.

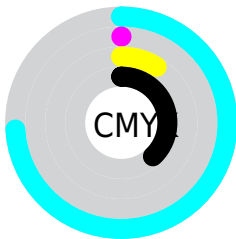
Distribution



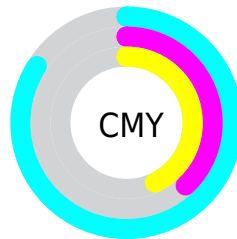
- Red (16%)
- Green (62%)
- Blue (57%)



- Red (16%)
- Yellow (41%)
- Blue (62%)



- Cyan (74%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (84%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 299F91 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 299F91 by changing the saturation by 10% instead.

 299F91

 299F91

FFFFFF

 008477

 69D6C7

 006B5F

 87F3E3

 005247

 A4FFFF

 003A31

 C1FFFF

 00251C

 DFFFFF

 000002

FDFFFF

 000000

 299F91

 299F91

 199F8F

 399F93

099F8D

499F95

009F8C

599F97

699F99

799F9A

889F9C

989F9E

A89FA0

B89FA2

Harmonies

Analogous

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



599D72



299F91



009EAF

Triad

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



299F91



9685C2



B98358

Complementary

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



299F91



9F2937

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.



C87A6F



299F91



B87BAB

Square

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



299F91



6691CC



C9768D



9F8E50

Rectangle

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



299F91



049BBF



C9768D



C0805E

Sweetspot

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



299F91



A1CFC9



399F29



4D6965



E8E8E8



696969

Same Dimension

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



299F91



17CFB9



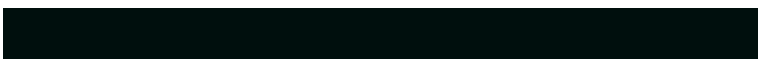
29749F



474F4E



008F7E



000F0D

Inverse Universe

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



9F2937



CF172D



9F5429



4F4748



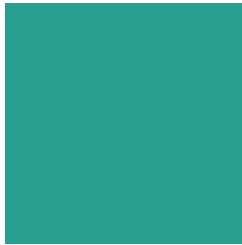
8F0011



0F0002

Previews

White Background



This preview shows how the Hex color 299F91 looks on a white background.

Color Contrast Check

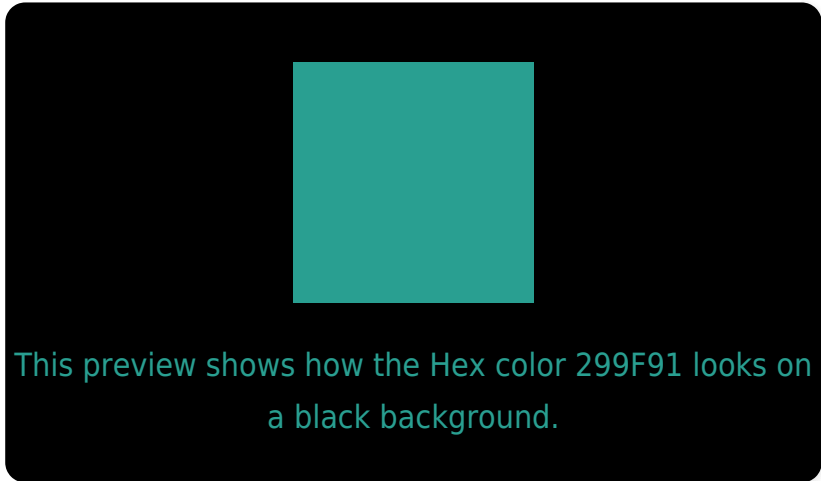
Large Text (above 18pt) WCAG AA ✓ Pass

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

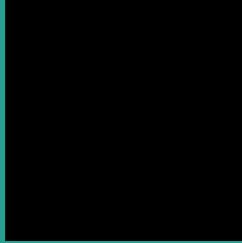
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 299F91 Background



This preview shows how black text looks on a background with the Hex color 299F91.

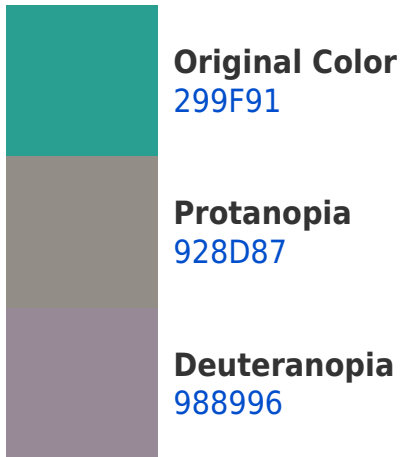


This preview shows how white text looks on a background with the Hex color 299F91.

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
379CA8

Trichromacy



Original Color
299F91



Protanomaly
6C948B



Deuteranomaly
709194



Tritanomaly
329DA0

Monochromacy



Original Color
299F91



Achromatopsia
7A7A7A



Achromatomaly
5D8782

CSS Examples

Text

The CSS property to change the color of the text to Hex 299F91 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 #299F91 looks like.

```
.text, #text, p{  
    color:#299F91  
}
```

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 #299F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299F91
}
```

Border

The CSS property to change the border of an element to Hex 299F91 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
#299F91 }
```

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

```
.border{ border-color:#299F91 }
```

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

Here you see how a box with a 4 pixel #299F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299F91; -webkit-box-shadow:4px 4px  
4px 4px #299F91; box-shadow:4px 4px 4px  
4px #299F91 }
```

Background

The CSS property to change the background color of an element to Hex 299F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299F91 }
```

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

```
.background{ background-color:#299F91 }
```

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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