

Converting Colors

Hex(29A192)

Have a look what the booklet for
Hex(29A192) contains.

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Color

Hex(29A192)

Conversions

Conversions Part 1

Format	Color
Hex	29A192
RGB	41, 161, 146
RGB Percent	16%, 63%, 57%
CMY	0.8392, 0.3686, 0.4275
CMYK	0.75, 0.00, 0.09, 0.37
HSL	172°, 59%, 40%
HSV	172°, 75%, 63%
XYZ	18.8476, 28.0365, 31.6123
YIQ	123.4100, -66.7050, -30.1050

Conversions

Conversions Part 2

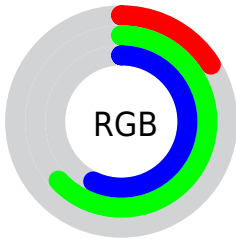
Format	Color
RYB	41, 105, 161
Decimal	2728338
CIELab	59.92, -35.68, -1.53
CIElCh	60, 35.712, 182.461
Yxy	28.0365, 0.2401, 0.3572
Android (android.graphics.Color)	4280918418 (0xFF29A192)
YUV	123.4100, 11.1369, -72.2736
Hunter-Lab	52.9495, -29.1236, 1.6668

Details

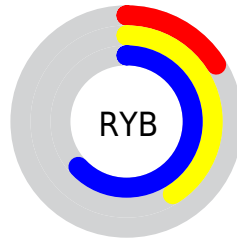
The Hex color **29A192** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A12938**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6AD8C8**, and **006D60** is the 20% darker color. If you saturate the color by 10%, you get **19A190**, and if you desaturate by 10%, it is **39A194**.

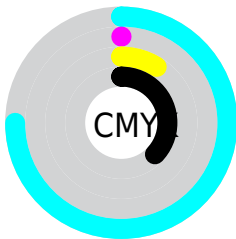
Distribution



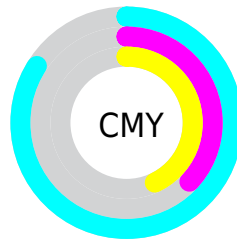
- Red (16%)
- Green (63%)
- Blue (57%)



- Red (16%)
- Yellow (41%)
- Blue (63%)



- Cyan (75%)
- Magenta (0%)
- Yellow (9%)
- Black (37%)



- Cyan (84%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A192 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 29A192 by changing the saturation by 10% instead.

 29A192

 29A192

FFFFFF

 008678

 6AD8C8

 006D60

 87F5E4

 005448

 A4FFFF

 003C32

 C2FFFF

 00261D

 DFFFFF

 000003

FDFFFF

 000000

 29A192

 29A192

 19A190

 39A194

09A18E

49A196

00A18D

59A198

69A19A

79A19C

8AA19E

9AA1A0

AAA1A2

BAA1A4

Harmonies

Analogous

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



5B9E72



29A192



00A0B1

Triad

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



29A192



9787C5



BC8459

Complementary

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



29A192



A12938

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.



CB7B70



29A192



BA7DAE

Square

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



29A192



6593CF



CB778F



A28F51

Rectangle

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



29A192



009DC1



CB778F



C38160

Sweetspot

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



29A192



A3D1CB



39A129



4D6965



E8E8E8



696969

Same Dimension

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



29A192



17D1BA



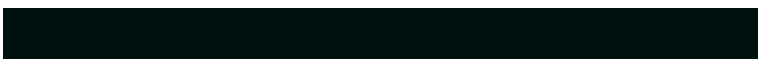
2975A1



495251



00917F



001210

Inverse Universe

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



A12938



D1172E



A15529



52494A



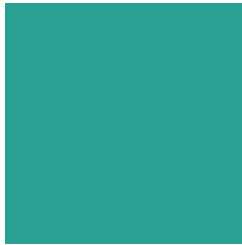
910012



120002

Previews

White Background



This preview shows how the Hex color 29A192 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



This preview shows how the Hex color 29A192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

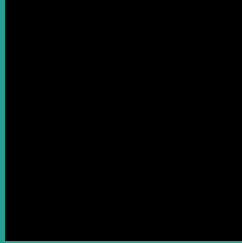
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 29A192 Background



This preview shows how black text looks on a background with the Hex color 29A192.

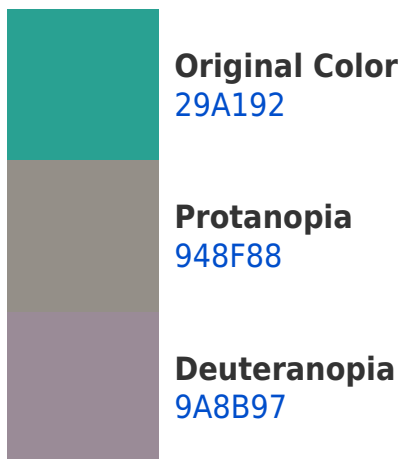


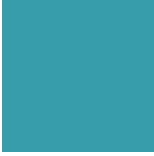
This preview shows how white text looks on a background with the Hex color 29A192.

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
389DAA

Trichromacy



Original Color
29A192



Protanomaly
6D968C



Deuteranomaly
719395



Tritanomaly
339EA1

Monochromacy



Original Color
29A192



Achromatopsia
7B7B7B



Achromatomaly
5D8983

CSS Examples

Text

The CSS property to change the color of the text to Hex 29A192 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 #29A192 looks like.

```
.text, #text, p{  
    color:#29A192  
}
```

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 #29A192 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A192
}
```

Border

The CSS property to change the border of an element to Hex 29A192 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
#29A192 }
```

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

```
.border{ border-color:#29A192 }
```

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

Here you see how a box with a 4 pixel #29A192 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A192; -webkit-box-shadow:4px 4px  
4px 4px #29A192; box-shadow:4px 4px 4px  
4px #29A192 }
```

Background

The CSS property to change the background color of an element to Hex 29A192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A192 }
```

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

```
.background{ background-color:#29A192 }
```

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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