

Converting Colors

Hex(29A188)

Have a look what the booklet for
Hex(29A188) contains.

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Color

Hex(29A188)

Conversions

Conversions Part 1

Format	Color
Hex	29A188
RGB	41, 161, 136
RGB Percent	16%, 63%, 53%
CMY	0.8392, 0.3686, 0.4667
CMYK	0.75, 0.00, 0.16, 0.37
HSL	168°, 59%, 40%
HSV	168°, 75%, 63%
XYZ	18.1033, 27.7387, 27.6925
YIQ	122.2700, -63.4950, -33.2150

Conversions

Conversions Part 2

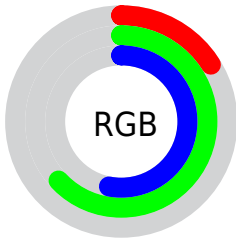
Format	Color
RYB	41, 108, 161
Decimal	2728328
CIELab	59.65, -38.41, 3.72
CIELCh	60, 38.586, 174.470
Yxy	27.7387, 0.2462, 0.3772
Android (android.graphics.Color)	4280918408 (0xFF29A188)
YUV	122.2700, 6.7689, -71.2738
Hunter-Lab	52.6676, -30.8130, 5.6927




Details

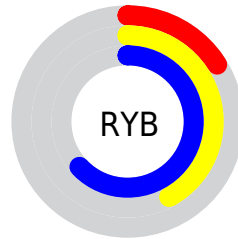
The Hex color **29A188** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A12942**, and the grayscale version is **7A7A7A**.




A 20% lighter version of the original color is **69D9BD**, and **006C56** is the 20% darker color. If you saturate the color by 10%, you get **19A185**, and if you desaturate by 10%, it is **39A18B**.

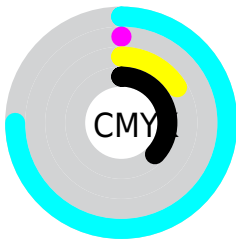
Distribution







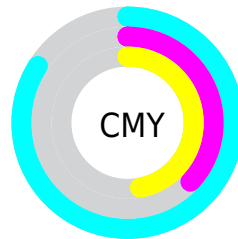
-  Red (16%)
-  Green (63%)
-  Blue (53%)






-  Red (16%)
-  Yellow (42%)
-  Blue (63%)



-  Cyan (75%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (37%)



-  Cyan (84%)
-  Magenta (37%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A188 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 29A188 by changing the saturation by 10% instead.

 29A188

 29A188

FFFFFF

 00866F

 69D9BD

 006C56

 86F5D9

 00533F

 A3FFF5

 003B29

 C1FFFF

 002715

 DEFFF

 000000

 FCFFF

 29A188

 29A188

 19A185

 39A18B

■ 09A181

■ 49A18F

■ 00A17F

■ 59A192

■ 69A195

■ 79A199

■ 8AA19C

■ 9AA19F

■ AAA1A3

■ BAA1A6

Harmonies

Analogous

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



619D67



29A188



00A1AB

Triad

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



29A188



8989CD



C47F5A

Complementary

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



29A188



A12942

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.



D07675



29A188



B47DB8

Square

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



29A188



4C95D3



CC7597



AB8C4B

Rectangle

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



29A188



009FBE



CC7597



CA7C62

Sweetspot

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



29A188



A3D1C8



43A129



4D6963



E8E8E8



696969

Same Dimension

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



29A188



17D1AA



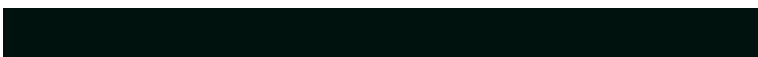
297FA1



495250



009173



00120E

Inverse Universe

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



A12942



D1173E



A14B29



52494B



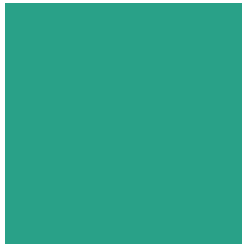
91001E



120004

Previews

White Background



This preview shows how the Hex color 29A188 looks on a white background.

Color Contrast Check

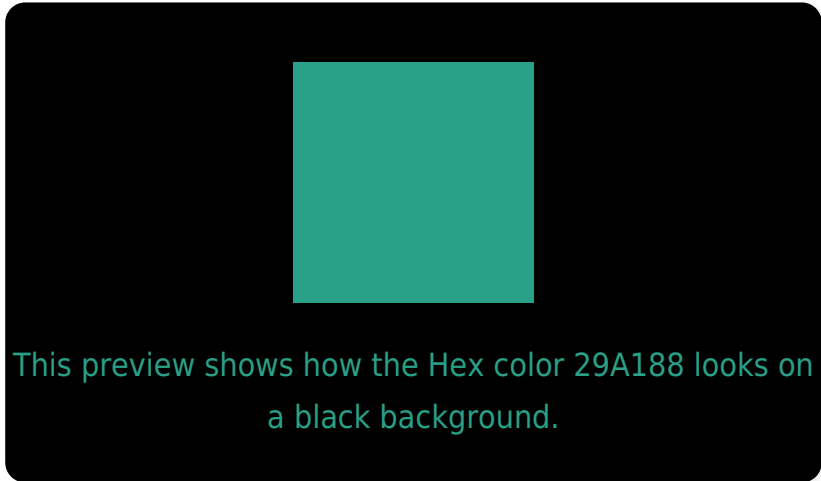
Large Text (above 18pt) WCAG AA ✓ Pass

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

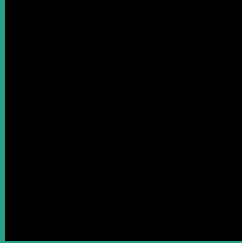
Any Text WCAG AA ✓ Pass

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 29A188 Background



This preview shows how black text looks on a background with the Hex color 29A188.

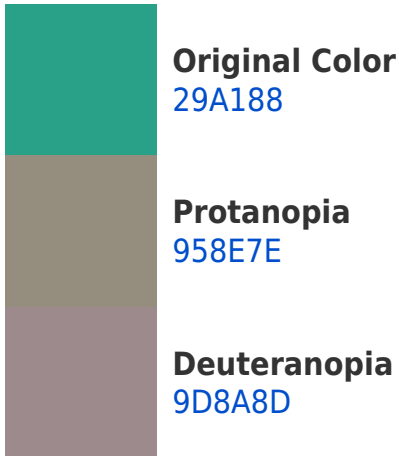


This preview shows how white text looks on a background with the Hex color 29A188.

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
3B9CA9

Trichromacy



Original Color
29A188



Protanomaly
6E9582



Deuteranomaly
73928B



Tritanomaly
349E9D

Monochromacy



Original Color
29A188



Achromatopsia
7A7A7A



Achromatomaly
5D887F

CSS Examples

Text

The CSS property to change the color of the text to Hex 29A188 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 #29A188 looks like.

```
.text, #text, p{  
    color:#29A188  
}
```

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 #29A188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A188
}
```

Border

The CSS property to change the border of an element to Hex 29A188 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
#29A188 }
```

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

```
.border{ border-color:#29A188 }
```

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

Here you see how a box with a 4 pixel #29A188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A188; -webkit-box-shadow:4px 4px  
4px 4px #29A188; box-shadow:4px 4px 4px  
4px #29A188 }
```

Background

The CSS property to change the background color of an element to Hex 29A188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A188 }
```

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

```
.background{ background-color:#29A188 }
```

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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