

Converting Colors

Hex(10A29B)

Have a look what the booklet for
Hex(10A29B) contains.

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Color

Hex(10A29B)

Conversions

Conversions Part 1

Format	Color
Hex	10A29B
RGB	16, 162, 155
RGB Percent	6%, 64%, 61%
CMY	0.9373, 0.3647, 0.3922
CMYK	0.90, 0.00, 0.04, 0.36
HSL	177°, 82%, 35%
HSV	177°, 90%, 64%
XYZ	19.0504, 28.3174, 35.4721
YIQ	117.5480, -84.7690, -33.1290

Conversions

Conversions Part 2

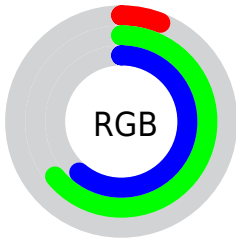
Format	Color
RYB	16, 91, 162
Decimal	1090203
CIELab	60.17, -35.73, -6.28
CIElCh	60, 36.274, 189.973
Yxy	28.3174, 0.2300, 0.3418
Android (android.graphics.Color)	4279280283 (0xFF10A29B)
YUV	117.5480, 18.4638, -89.0576
Hunter-Lab	53.2141, -29.2224, -2.2724

Details

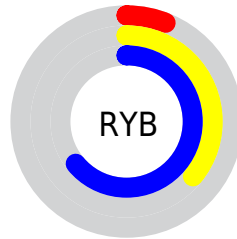
The Hex color **10A29B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A21017**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **60D9D1**, and **006E68** is the 20% darker color. If you saturate the color by 10%, you get **00A29A**, and if you desaturate by 10%, it is **20A29C**.

Distribution



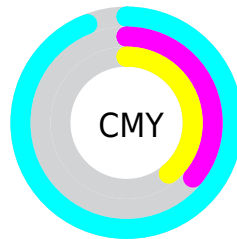
- Red (6%)
- Green (64%)
- Blue (61%)



- Red (6%)
- Yellow (36%)
- Blue (64%)



- Cyan (90%)
- Magenta (0%)
- Yellow (4%)
- Black (36%)



- Cyan (94%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10A29B 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 10A29B by changing the saturation by 10% instead.

 10A29B

 10A29B

FFFFFF

 008781

 60D9D1

 006E68

 7FF6EE

 005550

 9DFFFF

 003C39

 BAFFFF

 002724

 D8FFFF

 00020F

 F7FFFF

 000000

 10A29B

 10A29B

 00A29A

 20A29C

 30A29D

 41A29D

 51A29E

 61A29F

 71A2A0

 81A2A0

 92A2A1

 A2A2A2

Harmonies

Analogous

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



4FA07A



10A29B



00A0B9

Triad

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



10A29B



A285C2



B88855

Complementary

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



10A29B



A21017

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.



CA7D6A



10A29B



C17BA8

Square

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



10A29B



7391D0



CF7887



9B9351

Rectangle

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



10A29B



159DC8



CF7887



BF845A

Sweetspot

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



10A29B



9BD4D1



17A210



496B69



EBEBEB



6B6B6B

Same Dimension

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



10A29B



00D4CA



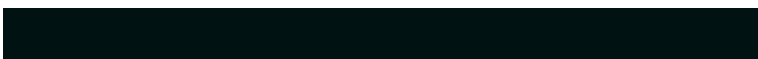
1060A2



495251



00918A



001211

Inverse Universe

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



A21017



D4000A



A25210



52494A



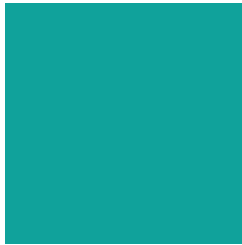
910007



120001

Previews

White Background



This preview shows how the Hex color 10A29B 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 10A29B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

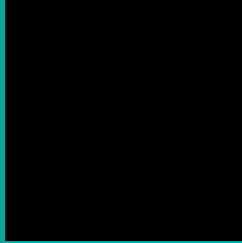
Any Text WCAG AA ✓ Pass

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 10A29B Background



This preview shows how black text looks on a background with the Hex color 10A29B.



This preview shows how white text looks on a background with the Hex color 10A29B.

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



Original Color
10A29B

Protanopia
928F90

Deuteranopia
978CA0



Trichromacy



Original Color
10A29B



Protanomaly
639694



Deuteranomaly
66949E



Tritanomaly
1EA0A6

Monochromacy



Original Color
10A29B



Achromatopsia
767676



Achromatomaly
518683

CSS Examples

Text

The CSS property to change the color of the text to Hex 10A29B 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 #10A29B looks like.

```
.text, #text, p{  
    color:#10A29B  
}
```

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 #10A29B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10A29B
}
```

Border

The CSS property to change the border of an element to Hex 10A29B 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
#10A29B }
```

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

```
.border{ border-color:#10A29B }
```

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

Here you see how a box with a 4 pixel #10A29B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10A29B; -webkit-box-shadow:4px 4px  
4px 4px #10A29B; box-shadow:4px 4px 4px  
4px #10A29B }
```

Background

The CSS property to change the background color of an element to Hex 10A29B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10A29B }
```

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

```
.background{ background-color:#10A29B }
```

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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