

Converting Colors

Hex(29904A)

Have a look what the booklet for
Hex(29904A) contains.

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Color

Hex(29904A)

Conversions

Conversions Part 1

Format	Color
Hex	29904A
RGB	41, 144, 74
RGB Percent	16%, 56%, 29%
CMY	0.8392, 0.4353, 0.7098
CMYK	0.72, 0.00, 0.49, 0.44
HSL	139°, 56%, 36%
HSV	139°, 72%, 56%
XYZ	12.1237, 20.9123, 9.8761
YIQ	105.2230, -38.9180, -43.6060

Conversions

Conversions Part 2

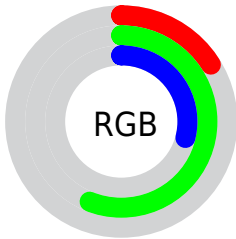
Format	Color
RYB	41, 119, 144
Decimal	2723914
CIELab	52.85, -45.09, 28.85
CIElCh	53, 53.531, 147.386
Yxy	20.9123, 0.2825, 0.4873
Android (android.graphics.Color)	4280913994 (0xFF29904A)
YUV	105.2230, -15.3929, -56.3236
Hunter-Lab	45.7300, -32.7044, 19.2065

Details

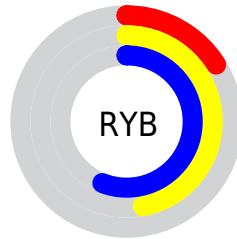
The Hex color **29904A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **90296F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **65C77C**, and **005C1B** is the 20% darker color. If you saturate the color by 10%, you get **1B9040**, and if you desaturate by 10%, it is **379054**.

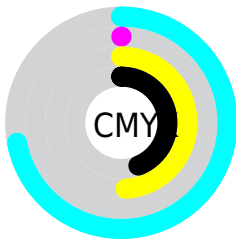
Distribution



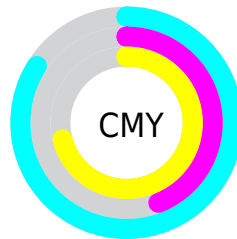
- Red (16%)
- Green (56%)
- Blue (29%)



- Red (16%)
- Yellow (47%)
- Blue (56%)



- Cyan (72%)
- Magenta (0%)
- Yellow (49%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29904A 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 29904A by changing the saturation by 10% instead.

 29904A

 29904A

FFFFFF

 007632

 65C77C

 005C1B

 81E396

 004403

 9DFFB1

 002D00

 BAFFCD

 001200

 D7FFE9

 000000

 F4FFFF

 29904A

 29904A

 1B9040

 379054

■ 0C9036

■ 46905E

■ 00902E

■ 549067

■ 639071

■ 71907B

■ 7F9085

■ 8E908F

■ 9C9098

■ AB90A2

Harmonies

Analogous

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



6C8824



29904A



009479

Triad

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



29904A



0085DA



D05757

Complementary

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



29904A



90296F

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.



CE5384



29904A



7774D0

Square

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



29904A



008FCB



B260B0



BC6930

Rectangle

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



29904A



009498



B260B0



D25465

Sweetspot

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



29904A



93BAA0



6F9029



475E4E



DEDEDE



5E5E5E

Same Dimension

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



29904A



1ABA4D



29907D



404743



00872B



000802

Inverse Universe

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



90296F



BA1A87



90293C



474045



87005C



080005

Previews

White Background



This preview shows how the Hex color 29904A looks on a white background.

Color Contrast Check

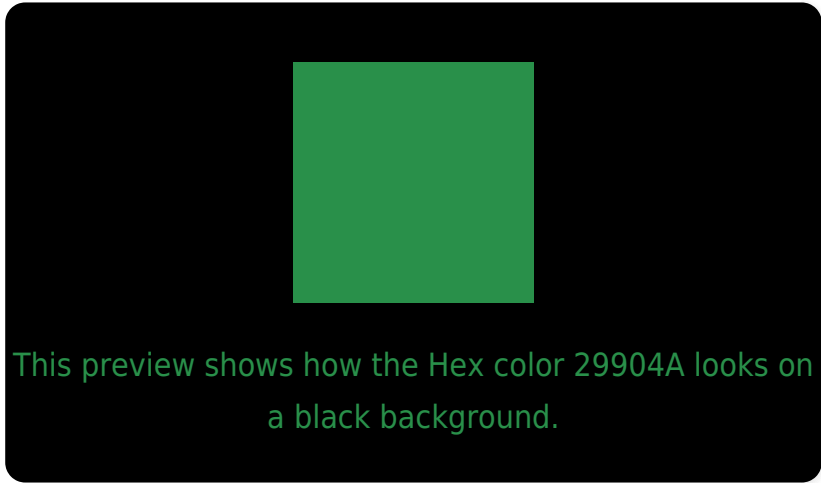
Large Text (above 18pt) WCAG AA ✓ Pass

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

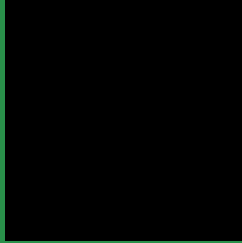
Any Text WCAG AA ✓ Pass

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 29904A Background



This preview shows how black text looks on a background with the Hex color 29904A.

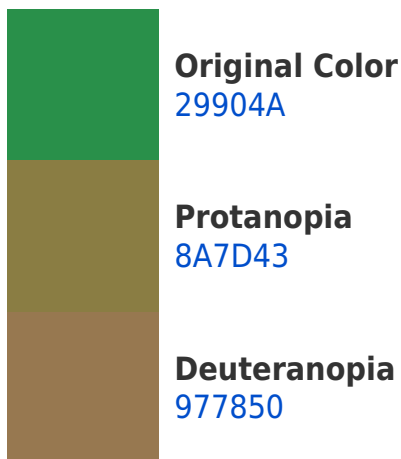


This preview shows how white text looks on a background with the Hex color 29904A.

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
428893

Trichromacy



Original Color
29904A



Protanomaly
678446



Deuteranomaly
6F814E



Tritanomaly
398B78

Monochromacy



Original Color
29904A



Achromatopsia
696969



Achromatomaly
52775E

CSS Examples

Text

The CSS property to change the color of the text to Hex 29904A 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 #29904A looks like.

```
.text, #text, p{  
    color:#29904A  
}
```

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 #29904A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29904A
}
```

Border

The CSS property to change the border of an element to Hex 29904A 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
#29904A }
```

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

```
.border{ border-color:#29904A }
```

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

Here you see how a box with a 4 pixel #29904A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29904A; -webkit-box-shadow:4px 4px  
4px 4px #29904A; box-shadow:4px 4px 4px  
4px #29904A }
```

Background

The CSS property to change the background color of an element to Hex 29904A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29904A }
```

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

```
.background{ background-color:#29904A }
```

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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