

Converting Colors

Hex(29A924)

Have a look what the booklet for
Hex(29A924) contains.

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Color

Hex(29A924)

Conversions

Conversions Part 1

Format	Color
Hex	29A924
RGB	41, 169, 36
RGB Percent	16%, 66%, 14%
CMY	0.8392, 0.3373, 0.8588
CMYK	0.76, 0.00, 0.79, 0.34
HSL	118°, 65%, 40%
HSV	118°, 79%, 66%
XYZ	15.4209, 28.9747, 6.4490
YIQ	115.5660, -33.5950, -68.4990

Conversions

Conversions Part 2

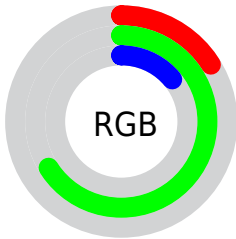
Format	Color
R_{YB}	36, 169, 164
Decimal	2730276
CIE _{Lab}	60.76, -58.15, 54.38
CIE _{LCh}	61, 79.621, 136.919
Yxy	28.9747, 0.3033, 0.5699
Android (android.graphics.Color)	4280920356 (0xFF29A924)
YUV	115.5660, -39.2260, -65.3944
Hunter-Lab	53.8282, -43.0621, 30.5764

Details

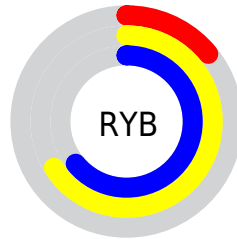
The Hex color **29A924** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A424A9**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6CE15B**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **19A913**, and if you desaturate by 10%, it is **39A935**.

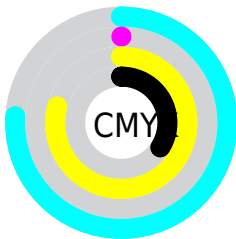
Distribution



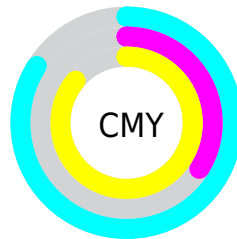
- Red (16%)
- Green (66%)
- Blue (14%)



- Red (14%)
- Yellow (66%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (79%)
- Black (34%)



- Cyan (84%)
- Magenta (34%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A924 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 29A924 by changing the saturation by 10% instead.

 29A924

 29A924

FFFFFF

 008E00

 6CE15B

 007300

 8AFF76

 005A00

 A8FF92

 004100

 C5FFAD

 002A00

 E3FFCA

 000500

 FFFFE6

 000000

 29A924

 29A924

 19A913

 39A935

■ 08A902

■ 4AA946

■ 06A900

■ 5AA957

■ 6AA968

■ 7AA979

■ 8BA989

■ 9BA99A

■ ABA9AB

■ BBA9BC

Harmonies

Analogous

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



8C9B00



29A924



00B070

Triad

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



29A924



00A4FF



FF426E

Complementary

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



29A924



A424A9

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.



FF46B4



29A924



338DFF

Square

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



29A924



00AFF9



C66BF4



F8632B

Rectangle

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



29A924



00B1A2



C66BF4



FF3D85

Sweetspot

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



29A924



A9DBA7



A9A224



4F6E4E



EDEDED



6E6E6E

Same Dimension

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



29A924



15DB0D



24A960



4C544C



069400



011400

Inverse Universe

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



A424A9



D40DDB



A9246D



544C54



8E0094



140014

Previews

White Background



This preview shows how the Hex color 29A924 looks on a white background.

Color Contrast Check

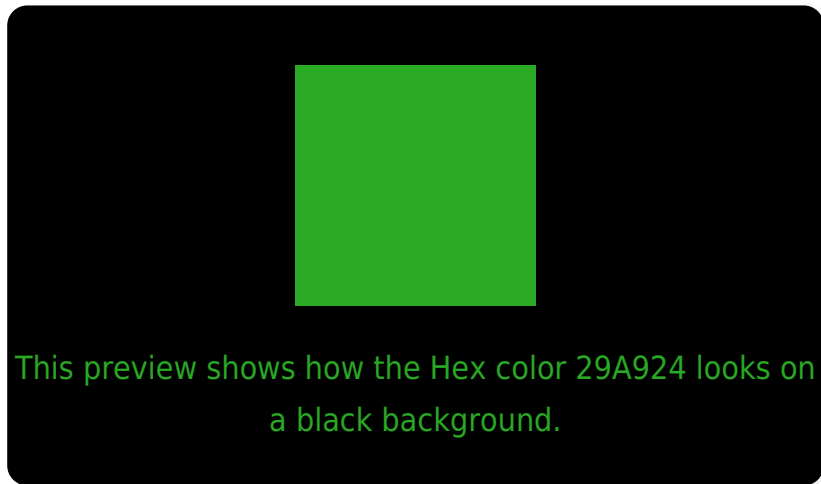
Large Text (above 18pt) WCAG AA ✓ Pass

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

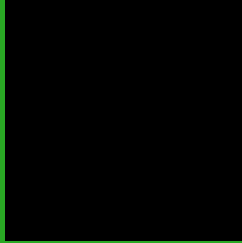
Any Text WCAG AA ✓ Pass

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 29A924 Background



This preview shows how black text looks on a background with the Hex color 29A924.



This preview shows how white text looks on a background with the Hex color 29A924.

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](#).

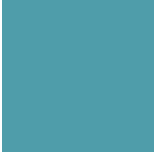
Dichromacy



Original Color
29A924

Protanopia
A4921E

Deuteranopia
B68A32



Tritanopia
4F9DAA

Trichromacy



Original Color

29A924



Protanomaly

779A20



Deuteranomaly

83952D



Tritanomaly

41A179

Monochromacy



Original Color

29A924



Achromatopsia

747474



Achromatomaly

598757

CSS Examples

Text

The CSS property to change the color of the text to Hex 29A924 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 #29A924 looks like.

```
.text, #text, p{  
    color:#29A924  
}
```

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 #29A924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A924
}
```

Border

The CSS property to change the border of an element to Hex 29A924 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
#29A924 }
```

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

```
.border{ border-color:#29A924 }
```

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

Here you see how a box with a 4 pixel #29A924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A924; -webkit-box-shadow:4px 4px  
4px 4px #29A924; box-shadow:4px 4px 4px  
4px #29A924 }
```

Background

The CSS property to change the background color of an element to Hex 29A924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A924 }
```

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

```
.background{ background-color:#29A924 }
```

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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