

Converting Colors

Hex(30991D)

Have a look what the booklet for
Hex(30991D) contains.

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Color

Hex(30991D)

Conversions

Conversions Part 1

Format	Color
Hex	30991D
RGB	48, 153, 29
RGB Percent	19%, 60%, 11%
CMY	0.8118, 0.4000, 0.8863
CMYK	0.69, 0.00, 0.81, 0.40
HSL	111°, 68%, 36%
HSV	111°, 81%, 60%
XYZ	12.8319, 23.4996, 5.0220
YIQ	107.4690, -22.7760, -60.8240

Conversions

Conversions Part 2

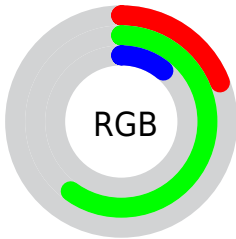
Format	Color
R_{YB}	29, 153, 134
Decimal	3184925
CIE _{Lab}	55.58, -52.05, 51.69
CIE _{LCh}	56, 73.358, 135.195
Yxy	23.4996, 0.3103, 0.5683
Android (android.graphics.Color)	4281375005 (0xFF30991D)
YUV	107.4690, -38.6852, -52.1543
Hunter-Lab	48.4763, -37.5838, 27.7912

Details

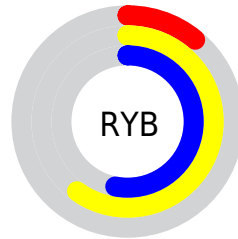
The Hex color **30991D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **861D99**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6DD054**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **23990E**, and if you desaturate by 10%, it is **3D992C**.

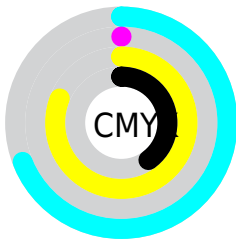
Distribution



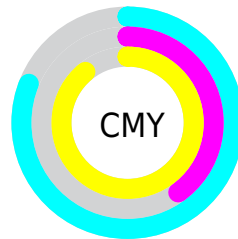
- Red (19%)
- Green (60%)
- Blue (11%)



- Red (11%)
- Yellow (60%)
- Blue (53%)



- Cyan (69%)
- Magenta (0%)
- Yellow (81%)
- Black (40%)



- Cyan (81%)
- Magenta (40%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30991D 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 30991D by changing the saturation by 10% instead.

 30991D

 30991D

FFFFFF

 007E00

 6DD054

 006500

 8AED6F

 004B00

 A7FF8A

 003400

 C4FFA5

 001C00

 E2FFC1

 000000

 FFFFDE

 FFFFFB

 30991D

 30991D

■ 23990E

■ 3D992C

■ 179900

■ 4A993C

■ 57994B

■ 64995A

■ 71996A

■ 7E9979

■ 8B9988

■ 989997

■ A599A7

Harmonies

Analogous

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



838C00



30991D



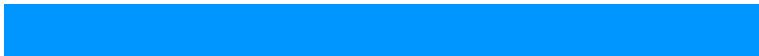
009F62

Triad

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



30991D



0096FF



F43C68

Complementary

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



30991D



861D99

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.



E642A7



30991D



1882FF

Square

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



30991D



009FDF



AF63E0



E3582B

Rectangle

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



30991D



00A18F



AF63E0



F3397D

Sweetspot

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



30991D



9EC797



99841D



4B6347



E3E3E3



636363

Same Dimension

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



30991D



24C706



1D9946



464D45



158C00



020D00

Inverse Universe

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



861D99



A906C7



991D70



4B454D



77008C



0B000D

Previews

White Background



This preview shows how the Hex color 30991D looks on a white background.

Color Contrast Check

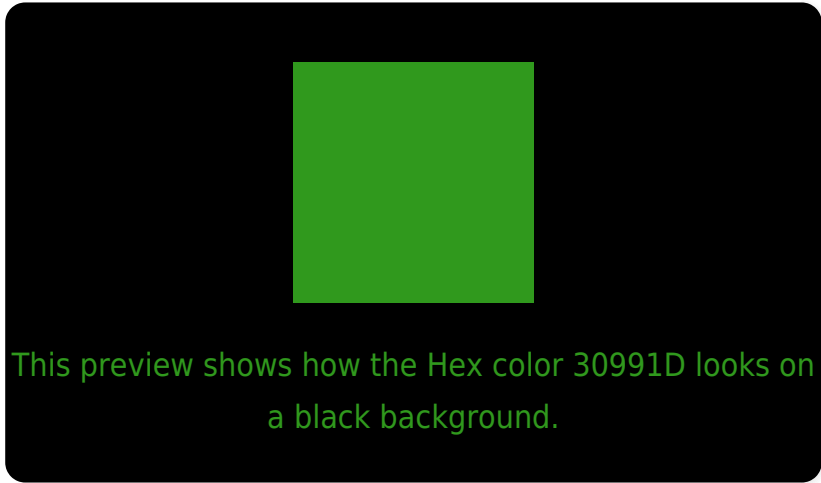
Large Text (above 18pt) WCAG AA ✓ Pass

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

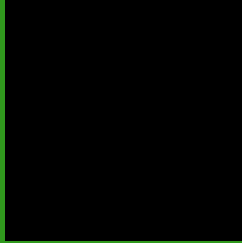
Any Text WCAG AA ✓ Pass

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 30991D Background



This preview shows how black text looks on a background with the Hex color 30991D.

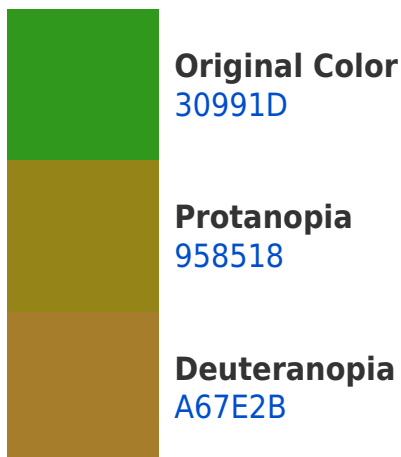


This preview shows how white text looks on a background with the Hex color 30991D.

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
4D8E9A

Trichromacy



Original Color
30991D



Protanomaly
708C1A



Deuteranomaly
7B8826



Tritanomaly
42926D

Monochromacy



Original Color
30991D



Achromatopsia
6B6B6B



Achromatomaly
567C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 30991D 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 #30991D looks like.

```
.text, #text, p{  
    color:#30991D  
}
```

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 #30991D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30991D
}
```

Border

The CSS property to change the border of an element to Hex 30991D 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
#30991D }
```

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

```
.border{ border-color:#30991D }
```

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

Here you see how a box with a 4 pixel #30991D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30991D; -webkit-box-shadow:4px 4px  
4px 4px #30991D; box-shadow:4px 4px 4px  
4px #30991D }
```

Background

The CSS property to change the background color of an element to Hex 30991D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30991D }
```

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

```
.background{ background-color:#30991D }
```

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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