

Converting Colors

Hex(30A90B)

Have a look what the booklet for
Hex(30A90B) contains.

Hex(30A90B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(30A90B)

Conversions

Conversions Part 1

Format	Color
Hex	30A90B
RGB	48, 169, 11
RGB Percent	19%, 66%, 4%
CMY	0.8118, 0.3373, 0.9569
CMYK	0.72, 0.00, 0.93, 0.34
HSL	106°, 88%, 35%
HSV	106°, 93%, 66%
XYZ	15.4673, 29.0285, 5.1045
YIQ	114.8090, -21.3980, -74.7900

Conversions

Conversions Part 2

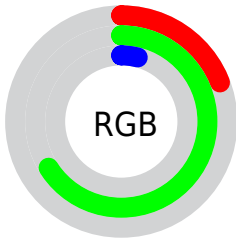
Format	Color
RYB	11, 169, 132
Decimal	3189003
CIELab	60.81, -58.08, 60.31
CIELCh	61, 83.733, 133.923
Yxy	29.0285, 0.3118, 0.5852
Android (android.graphics.Color)	4281379083 (0xFF30A90B)
YUV	114.8090, -51.1778, -58.5915
Hunter-Lab	53.8781, -43.0429, 32.0975

Details

The Hex color **30A90B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **840BA9**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **71E14E**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **28A900**, and if you desaturate by 10%, it is **3DA91C**.

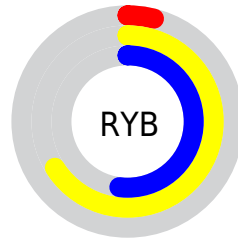
Distribution



Red (19%)

Green (66%)

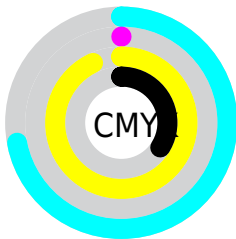
Blue (4%)



Red (4%)

Yellow (66%)

Blue (52%)

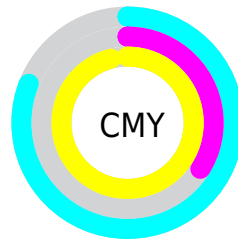


Cyan (72%)

Magenta (0%)

Yellow (93%)

Black (34%)



Cyan (81%)

Magenta (34%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A90B 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 30A90B by changing the saturation by 10% instead.

 30A90B

 30A90B

FFFFFF

 008E00

 71E14E

 007300

 8FFE69

 005A00

 ADFF85

 004100

 CBFFA0

 002A00

 E9FFBD

 000600

 FFFFDA

 000000

 FFFFF7

 30A90B

 30A90B

■ 28A900

■ 3DA91C

■ 4AA92D

■ 57A93E

■ 64A94F

■ 71A95F

■ 7EA970

■ 8BA981

■ 98A992

■ A4A9A3

Harmonies

Analogous

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



919A00



30A90B



00B067

Triad

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



30A90B



00A7FF



FF3574

Complementary

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



30A90B



840BA9

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.



FF41BE



30A90B



0090FF

Square

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



30A90B



00B1F9



BF6CFF



FF5B2C

Rectangle

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



30A90B



00B29B



BF6CFF



FF318C

Sweetspot

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



30A90B



ACDB9E



A9810B



516E48



EDEDED



6E6E6E

Same Dimension

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



30A90B



33DB00



0BA932



4E544C



239400



051400

Inverse Universe

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



840BA9



A800DB



A90B81



524C54



710094



100014

Previews

White Background



This preview shows how the Hex color 30A90B looks on a white background.

Color Contrast Check

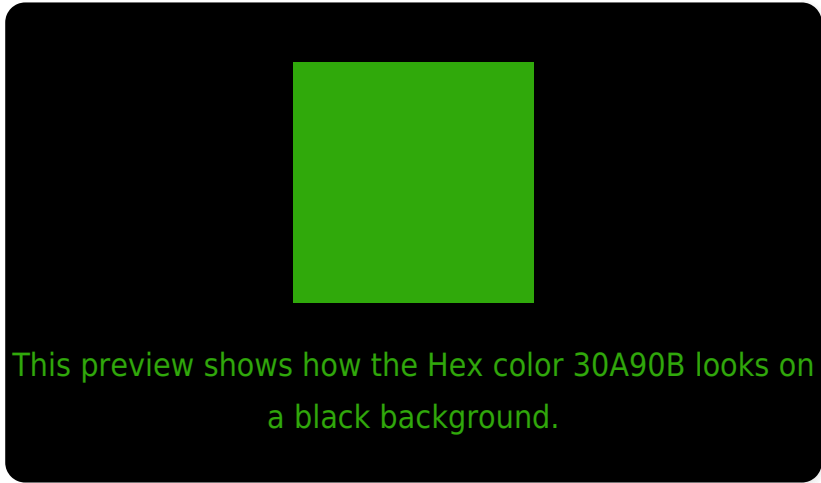
Large Text (above 18pt) WCAG AA ✓ Pass

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 30A90B Background



This preview shows how black text looks on a background with the Hex color 30A90B.

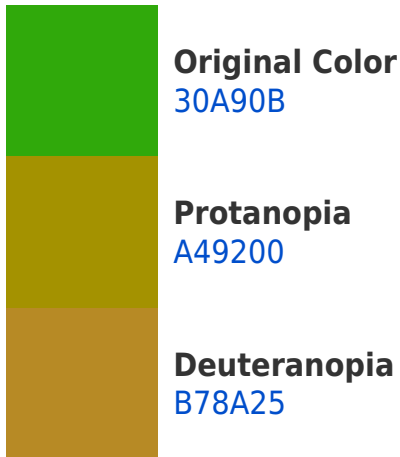


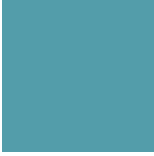
This preview shows how white text looks on a background with the Hex color 30A90B.

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
539DAA

Trichromacy



Original Color
30A90B



Protanomaly
7A9A04



Deuteranomaly
86951C



Tritanomaly
46A170

Monochromacy



Original Color
30A90B



Achromatopsia
737373



Achromatomaly
5B874D

CSS Examples

Text

The CSS property to change the color of the text to Hex 30A90B 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 #30A90B looks like.

```
.text, #text, p{  
    color:#30A90B  
}
```

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 #30A90B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A90B
}
```

Border

The CSS property to change the border of an element to Hex 30A90B 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
#30A90B }
```

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

```
.border{ border-color:#30A90B }
```

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

Here you see how a box with a 4 pixel #30A90B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A90B; -webkit-box-shadow:4px 4px  
4px 4px #30A90B; box-shadow:4px 4px 4px  
4px #30A90B }
```

Background

The CSS property to change the background color of an element to Hex 30A90B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A90B }
```

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

```
.background{ background-color:#30A90B }
```

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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