

Converting Colors

Hex(30A008)

Have a look what the booklet for
Hex(30A008) contains.

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Color

Hex(30A008)

Conversions

Conversions Part 1

Format	Color
Hex	30A008
RGB	48, 160, 8
RGB Percent	19%, 63%, 3%
CMY	0.8118, 0.3725, 0.9686
CMYK	0.70, 0.00, 0.95, 0.37
HSL	104°, 90%, 33%
HSV	104°, 95%, 63%
XYZ	13.8336, 25.7875, 4.4781
YIQ	109.1840, -17.9600, -71.0160

Conversions

Conversions Part 2

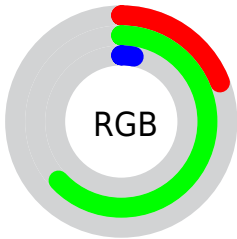
Format	Color
RYB	8, 160, 120
Decimal	3186696
CIELab	57.83, -55.25, 58.27
CIELCh	58, 80.293, 133.476
Yxy	25.7875, 0.3137, 0.5848
Android (android.graphics.Color)	4281376776 (0xFF30A008)
YUV	109.1840, -49.8837, -53.6584
Hunter-Lab	50.7814, -40.2416, 30.3186

Details

The Hex color **30A008** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7808A0**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6FD84B**, and **006B00** is the 20% darker color. If you saturate the color by 10%, you get **2AA000**, and if you desaturate by 10%, it is **3CA018**.

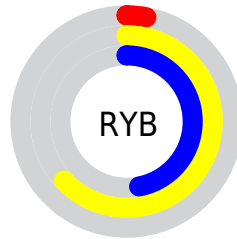
Distribution



Red (19%)

Green (63%)

Blue (3%)



Red (3%)

Yellow (63%)

Blue (47%)

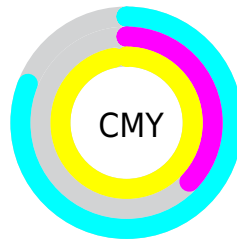


Cyan (70%)

Magenta (0%)

Yellow (95%)

Black (37%)



Cyan (81%)

Magenta (37%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A008 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 30A008 by changing the saturation by 10% instead.



30A008



30A008

FFFFFF



008500



6FD84B



006B00



8DF566



005200



AAFF81



003900



C8FF9D



002200



E6FFB9



000000



FFFFD6



FFFFF3



30A008



30A008

■ 2AA000

■ 3CA018

■ 48A028

■ 53A038

■ 5FA048

■ 6BA058

■ 77A068

■ 83A078

■ 8EA088

■ 9AA098

Harmonies

Analogous

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



8B9200



30A008



00A760

Triad

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



30A008



009EFF



FF326F

Complementary

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



30A008



7808A0

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.



F33EB5



30A008



0089FF

Square

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



30A008



00A7EB



B467F2



F3562B

Rectangle

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



30A008



00A991



B467F2



FF2F86

Sweetspot

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



30A008



A4D194



A07708



4E6944



E8E8E8



696969

Same Dimension

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



30A008



37D100



08A02B



494F47



268F00



040F00

Inverse Universe

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



7808A0



9A00D1



A0087D



4D474F



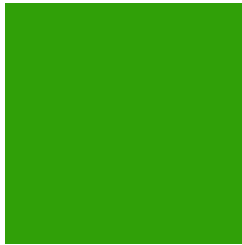
69008F



0B000F

Previews

White Background



This preview shows how the Hex color 30A008 looks on a white background.

Color Contrast Check

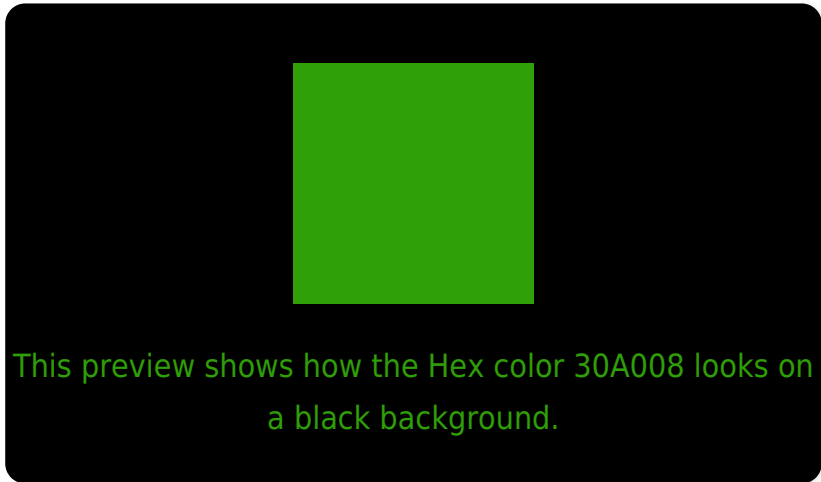
Large Text (above 18pt) WCAG AA ✓ Pass

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

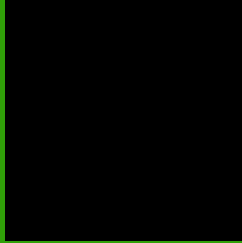
Any Text WCAG AA ✓ Pass

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 30A008 Background



This preview shows how black text looks on a background with the Hex color 30A008.



This preview shows how white text looks on a background with the Hex color 30A008.

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
30A008

Protanopia
9C8A00

Deuteranopia
AD8323



Tritanopia
5095A1

Trichromacy



Original Color
30A008



Protanomaly
759203



Deuteranomaly
808E19



Tritanomaly
449969

Monochromacy



Original Color
30A008



Achromatopsia
6D6D6D



Achromatomaly
578048

CSS Examples

Text

The CSS property to change the color of the text to Hex 30A008 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 #30A008 looks like.

```
.text, #text, p{  
    color:#30A008  
}
```

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 #30A008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A008
}
```

Border

The CSS property to change the border of an element to Hex 30A008 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
#30A008 }
```

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

```
.border{ border-color:#30A008 }
```

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

Here you see how a box with a 4 pixel #30A008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A008; -webkit-box-shadow:4px 4px  
4px 4px #30A008; box-shadow:4px 4px 4px  
4px #30A008 }
```

Background

The CSS property to change the background color of an element to Hex 30A008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A008 }
```

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

```
.background{ background-color:#30A008 }
```

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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