

Converting Colors

Hex(30A208)

Have a look what the booklet for
Hex(30A208) contains.

Hex(30A208)	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(30A208)

Conversions

Conversions Part 1

Format	Color
Hex	30A208
RGB	48, 162, 8
RGB Percent	19%, 64%, 3%
CMY	0.8118, 0.3647, 0.9686
CMYK	0.70, 0.00, 0.95, 0.36
HSL	104°, 91%, 33%
HSV	104°, 95%, 64%
XYZ	14.1831, 26.4866, 4.5946
YIQ	110.3580, -18.5100, -72.0620

Conversions

Conversions Part 2

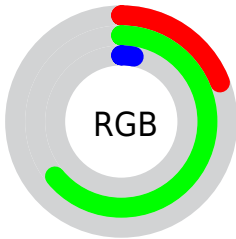
Format	Color
RYB	8, 162, 122
Decimal	3187208
CIELab	58.50, -55.90, 58.81
CIELCh	58, 81.139, 133.545
Yxy	26.4866, 0.3133, 0.5852
Android (android.graphics.Color)	4281377288 (0xFF30A208)
YUV	110.3580, -50.4625, -54.6880
Hunter-Lab	51.4651, -40.8718, 30.7324

Details

The Hex color **30A208** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7A08A2**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **70DA4B**, and **006D00** is the 20% darker color. If you saturate the color by 10%, you get **2AA200**, and if you desaturate by 10%, it is **3CA218**.

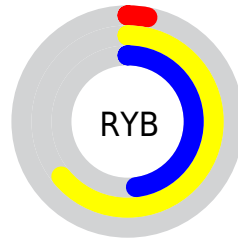
Distribution



Red (19%)

Green (64%)

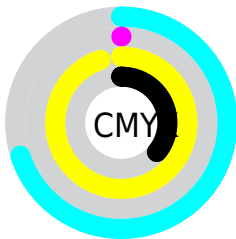
Blue (3%)



Red (3%)

Yellow (64%)

Blue (48%)

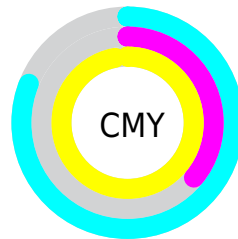


Cyan (70%)

Magenta (0%)

Yellow (95%)

Black (36%)



Cyan (81%)

Magenta (36%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A208 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 30A208 by changing the saturation by 10% instead.

 30A208

 30A208

FFFFFF

 008700

 70DA4B

 006D00

 8DF766

 005300

 ABFF82

 003B00

 C8FF9D

 002400

 E6FFBA

 000000

 FFFFD6

 FFFFF4

 30A208

 30A208

■ 2AA200

■ 3CA218

■ 48A228

■ 54A239

■ 60A249

■ 6CA259

■ 78A269

■ 84A279

■ 90A28A

■ 9CA29A

Harmonies

Analogous

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



8C9400



30A208



00A961

Triad

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



30A208



00A0FF



FF3370

Complementary

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



30A208



7A08A2

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.



F63EB7



30A208



008BFF

Square

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



30A208



00A9EE



B668F5



F6572B

Rectangle

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



30A208



00AB93



B668F5



FF2F87

Sweetspot

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



30A208



A6D496



A27908



4F6B46



EBEBEB



6B6B6B

Same Dimension

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



30A208



37D400



08A22C



4C5249



269100



051200

Inverse Universe

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



7A08A2



9D00D4



A2087E



4F4952



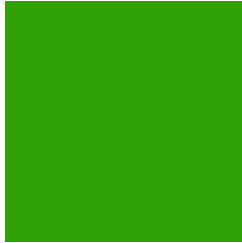
6C0091



0D0012

Previews

White Background



This preview shows how the Hex color 30A208 looks on a white background.

Color Contrast Check

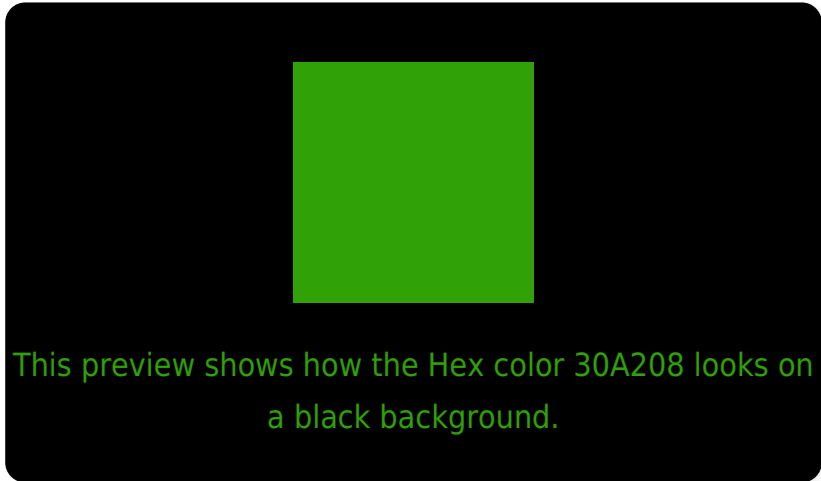
Large Text (above 18pt) WCAG AA ✓ Pass

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

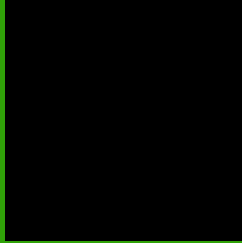
Any Text WCAG AA ✓ Pass

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 30A208 Background



This preview shows how black text looks on a background with the Hex color 30A208.

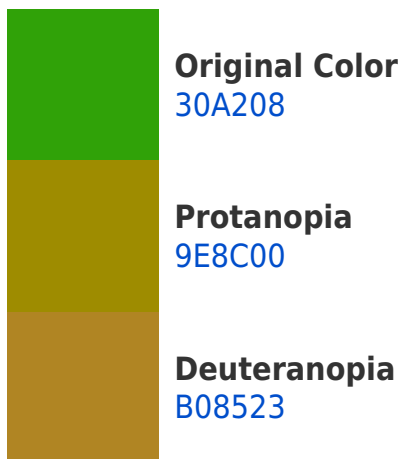


This preview shows how white text looks on a background with the Hex color 30A208.

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
5197A3

Trichromacy



Original Color
30A208



Protanomaly
769403



Deuteranomaly
819019



Tritanomaly
459B6B

Monochromacy



Original Color
30A208



Achromatopsia
6E6E6E



Achromatomaly
578149

CSS Examples

Text

The CSS property to change the color of the text to Hex 30A208 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 #30A208 looks like.

```
.text, #text, p{  
    color:#30A208  
}
```

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 #30A208 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A208
}
```

Border

The CSS property to change the border of an element to Hex 30A208 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
#30A208 }
```

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

```
.border{ border-color:#30A208 }
```

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

Here you see how a box with a 4 pixel #30A208 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A208; -webkit-box-shadow:4px 4px  
4px 4px #30A208; box-shadow:4px 4px 4px  
4px #30A208 }
```

Background

The CSS property to change the background color of an element to Hex 30A208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A208 }
```

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

```
.background{ background-color:#30A208 }
```

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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