

Converting Colors

Android(4289758208)

Have a look what the booklet for
Android(4289758208) contains.

| | |
|--|----|
| Android(4289758208) | 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

Android(4289758208)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B08400 |
| RGB | 176, 132, 0 |
| RGB Percent | 69%, 52%, 0% |
| CMY | 0.3098, 0.4824, 1.0000 |
| CMYK | 0.00, 0.25, 1.00, 0.31 |
| HSL | 45°, 100%, 35% |
| HSV | 45°, 100%, 69% |
| XYZ | 26.1558, 25.7326, 3.5883 |
| YIQ | 130.1080, 68.5960, -31.7240 |

Conversions

Conversions Part 2

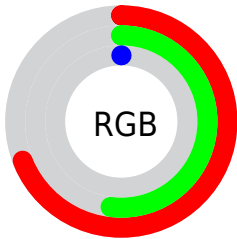
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 59, 176, 0 |
| Decimal | 11568128 |
| CIELab | 57.78, 7.19, 63.09 |
| CIELCh | 58, 63.498, 83.494 |
| Yxy | 25.7326, 0.4715, 0.4638 |
| Android (android.graphics.Color) | 4289758208 (0xFFB08400) |
| YUV | 130.1080, -64.1432, 40.2473 |
| Hunter-Lab | 50.7273, 3.2644, 31.3151 |

Details

The Android color **4289758208** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4278201520**, and the grayscale version is **4286808963**.

A 20% lighter version of the original color is **4293704005**, and **4285944576** is the 20% darker color. If you saturate the color by 10%, you get **4289758208**, and if you desaturate by 10%, it is **4289759250**.

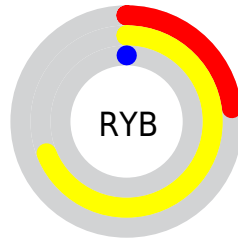
Distribution



Red (69%)

Green (52%)

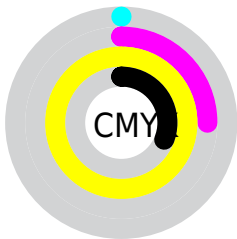
Blue (0%)



Red (23%)

Yellow (69%)

Blue (0%)

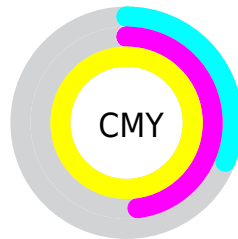


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289758208 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 Android color 4289758208 by changing the saturation by 10% instead.

 4289758208

 4289758208

4294967295

 4287851264

 4293704005

 4285944576

 4294956128

 4284103680

 4294963579

 4282328832

 4294967191

 4280685312

 4294967219

 4278190080

 4294967247

 4294967276

 4289758208

 4289759250

 4289760547

 4289761589

 4289762886

 4289763928

 4289764970

 4289766267

 4289767309

 4289768606

Harmonies

Analogous

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



4292373809



4289758208



4286354704

Triad

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



4289758208



4278232246



4290930894

Complementary

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



4289758208



4278201520

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.



4285694449



4289758208



4278231267

Square

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



4289758208



4278232188



4278228474



4293416089

Rectangle

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



4289758208



4283341875



4278228474



4289556700

Sweetspot

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



4289758208



4293317793



4289724460



4285753417



4294111986



4285756275

Same Dimension

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



4289758208



4293307392



4286885888



4284045136



4288246528



4279898880

Inverse Universe

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



4278201520



4278204902



4281073840



4283454297



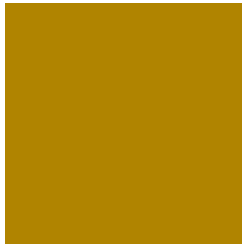
4278199961



4278191642

Previews

White Background



This preview shows how the Android color 4289758208 looks on a white background.

Color Contrast Check

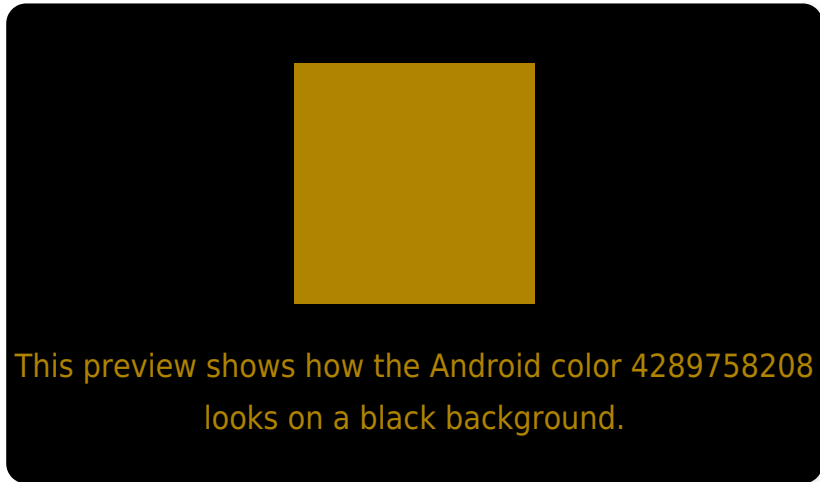
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Android 4289758208 Background



This preview shows how black text looks on a background with the Android color 4289758208.



This preview shows how white text looks on a background with the Android color 4289758208.

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
4289758208

Protanopia
4288515082

Deuteranopia
4289758209



Tritanopia
4290149252

Trichromacy



Original Color
4289758208

Protanomaly
4288973062

Deuteranomaly
4289758209

Tritanomaly
4290018900

Monochromacy



Original Color
4289758208

Achromatopsia
4286743170

Achromatomaly
4287857491

CSS Examples

Text

The CSS property to change the color of the text to Android 4289758208 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 `rgb(176, 132, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 132, 0)  
}
```

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 rgb(176, 132, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 132, 0) }
```

Border

The CSS property to change the border of an element to Android 4289758208 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 rgb(176, 132, 0) }
```

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

```
.border{ border-color:rgb(176, 132, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 132, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 132, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 132, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 132,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4289758208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 132, 0) }
```

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

```
.background{ background-color: rgb(176,  
132, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor