

Converting Colors

Android(4288648250)

Have a look what the booklet for
Android(4288648250) contains.

Android(4288648250)	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(4288648250)

Conversions

Conversions Part 1

Format	Color
Hex	9F943A
RGB	159, 148, 58
RGB Percent	62%, 58%, 23%
CMY	0.3765, 0.4196, 0.7725
CMYK	0.00, 0.07, 0.64, 0.38
HSL	53°, 47%, 43%
HSV	53°, 64%, 62%
XYZ	25.6517, 28.8562, 8.2208
YIQ	141.0290, 35.4460, -25.6580

Conversions

Conversions Part 2

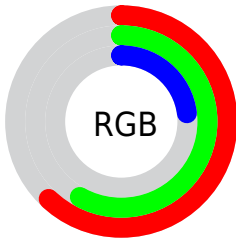
Format	Color
R_{YB}	70, 159, 58
Decimal	10458170
CIE _{Lab}	60.65, -7.29, 47.63
CIE _{LCh}	61, 48.187, 98.700
Yxy	28.8562, 0.4089, 0.4600
Android (android.graphics.Color)	4288648250 (0xFF9F943A)
YUV	141.0290, -40.9333, 15.7606
Hunter-Lab	53.7180, -8.7682, 28.5291

Details

The Android color `4288648250` is a dark color, and the websafe version is hex `999933`. A complement of this color would be `4282008991`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4292397677`, and `4285096448` is the 20% darker color. If you saturate the color by 10%, you get `4288647722`, and if you desaturate by 10%, it is `4288648778`.

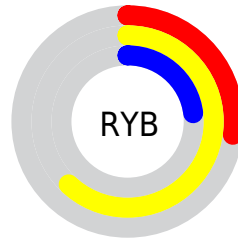
Distribution



Red (62%)

Green (58%)

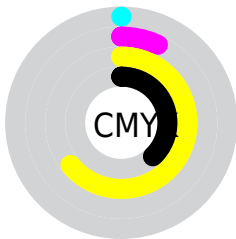
Blue (23%)



Red (27%)

Yellow (62%)

Blue (23%)

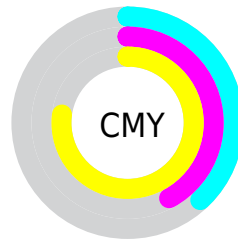


Cyan (0%)

Magenta (7%)

Yellow (64%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288648250 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 4288648250 by changing the saturation by 10% instead.



4288648250



4288648250

4294967295



4286806560



4292397677



4285096448



4294305416



4283386368



4294967203



4281676800



4294967230



4280098560



4294967259



4278191104



4294967288



4278190080



4288648250



4288648250



4288647722



4288648778

■ 4288647450

■ 4288649050

■ 4288646922

■ 4288649578

■ 4288646656

■ 4288650106

■ 4288650634

■ 4288650905

■ 4288651433

■ 4288651961

■ 4288652489

Harmonies

Analogous

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



4291069250



4288648250



4285636429

Triad

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



4288648250



4278232774



4291851186

Complementary

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



4288648250



4282008991

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.



4289102549



4288648250



4278231009

Square

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



4288648250



4278233246



4284388326



4292963719

Rectangle

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



4288648250



4283081828



4284388326



4291131327

Sweetspot

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



4288648250



4291807911



4288625222



4285097553



4293454056



4285098345

Same Dimension

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



4288648250



4291804466



4286095162



4283387463



4287594240



4279176704

Inverse Universe

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



4282008991



4281484239



4284562079



4282861647



4278194319



4278190607

Previews

White Background



This preview shows how the Android color 4288648250 looks on a white background.

Color Contrast Check

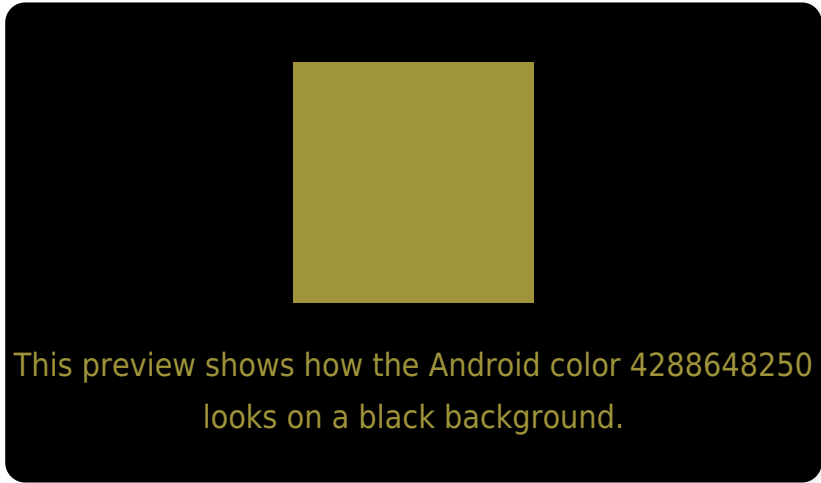
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288648250 Background



This preview shows how black text looks on a background with the Android color 4288648250.



This preview shows how white text looks on a background with the Android color 4288648250.

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
4288648250

Protanopia
4288910138

Deuteranopia
4290153277



Tritanopia
4289170326

Trichromacy



Original Color
4288648250

Protanomaly
4288844602

Deuteranomaly
4289629756

Tritanomaly
4288974453

Monochromacy



Original Color
4288648250

Achromatopsia
4287466893

Achromatomaly
4287926383

CSS Examples

Text

The CSS property to change the color of the text to Android 4288648250 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(159, 148, 58)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 58)  
}
```

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(159, 148, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 58) }
```

Border

The CSS property to change the border of an element to Android 4288648250 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(159, 148, 58) }
```

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

```
.border{ border-color:rgb(159, 148, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 148, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 58);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
58) }
```

Background

The CSS property to change the background color of an element to Android 4288648250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 58) }
```

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

```
.background{ background-color: rgb(159,  
148, 58) }
```

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