

Converting Colors

Android(4282288384)

Have a look what the booklet for
Android(4282288384) contains.

Android(4282288384)	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(4282288384)

Conversions

Conversions Part 1

Format	Color
Hex	3E8900
RGB	62, 137, 0
RGB Percent	24%, 54%, 0%
CMY	0.7569, 0.4627, 1.0000
CMYK	0.55, 0.00, 1.00, 0.46
HSL	93°, 100%, 27%
HSV	93°, 100%, 54%
XYZ	10.9323, 18.9155, 3.0749
YIQ	98.9570, -0.7230, -58.5070

Conversions

Conversions Part 2

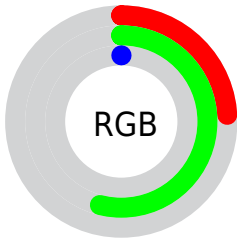
Format	Color
RYB	0, 137, 75
Decimal	4098304
CIELab	50.59, -43.86, 53.90
CIELCh	51, 69.490, 129.133
Yxy	18.9155, 0.3321, 0.5745
Android (android.graphics.Color)	4282288384 (0xFF3E8900)
YUV	98.9570, -48.7858, -32.4113
Hunter-Lab	43.4919, -31.2425, 26.2526

Details

The Android color `4282288384` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4283105417`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4285972290`, and `4278212096` is the 20% darker color. If you saturate the color by 10%, you get `4282288384`, and if you desaturate by 10%, it is `4282812686`.

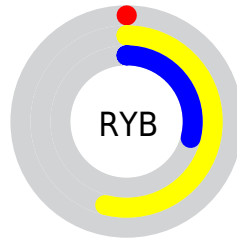
Distribution



Red (24%)

Green (54%)

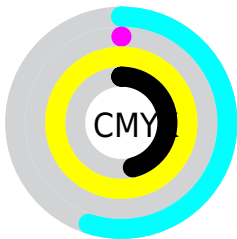
Blue (0%)



Red (0%)

Yellow (54%)

Blue (29%)

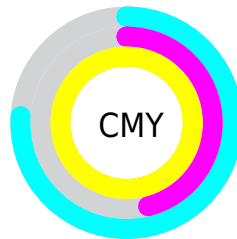


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (76%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282288384 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 4282288384 by changing the saturation by 10% instead.



4282288384



4282288384

4294967295



4280184576



4285972290



4278212096



4287814493



4278205952



4289722488



4278200576



4291624851



4278191104



4293525423



4278190080



4294967243



4294967272



4282288384

 4282812686

 4283271451

 4283795753

 4284254519

 4284778821

 4285237586

 4285761888

 4286220654

 4286744955

Harmonies

Analogous

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



4286675968



4282288384



4278227019

Triad

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



4282288384



4278225640



4292817001

Complementary

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



4282288384



4283105417

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.



4291510180



4282288384



4278221551

Square

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



4282288384



4278227394



4287586261



4292102192

Rectangle

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



4282288384



4278227573



4287586261



4292685949

Sweetspot

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



4282288384



4288000893



4287187200



4282931513



4292467161



4284045657

Same Dimension

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



4282288384



4283544320



4278225157



4282467646



4282156288



4278322432

Inverse Universe

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



4283105417



4284612787



4287168644



4282531397



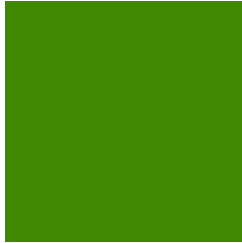
4282974341



4278386693

Previews

White Background



This preview shows how the Android color 4282288384 looks on a white background.

Color Contrast Check

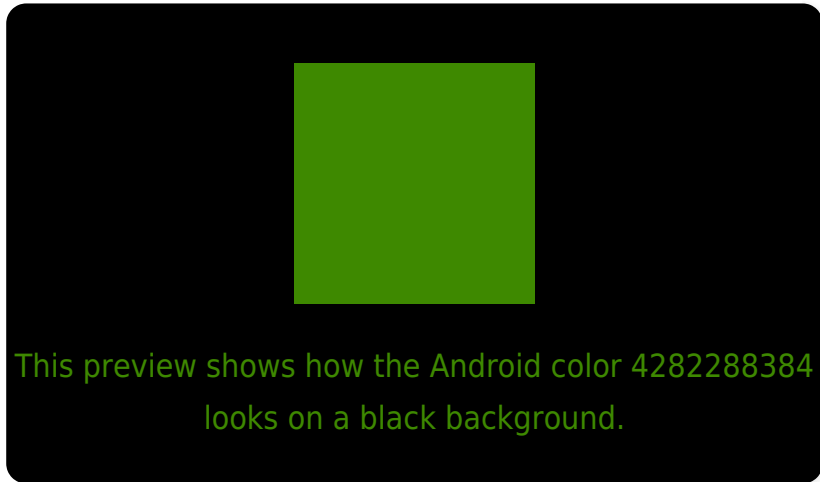
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282288384 Background



This preview shows how black text looks on a background with the Android color 4282288384.



This preview shows how white text looks on a background with the Android color 4282288384.

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
4282288384

Protanopia
4287068160

Deuteranopia
4288115228

Trichromacy



Original Color
4282288384

Protanomaly
4285300224

Deuteranomaly
4286020114

Tritanomaly
4283138904

Monochromacy



Original Color
4282288384

Achromatopsia
4284703587

Achromatomaly
4283855167

CSS Examples

Text

The CSS property to change the color of the text to Android 4282288384 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(62, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(62, 137, 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(62, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 137, 0) }
```

Border

The CSS property to change the border of an element to Android 4282288384 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(62, 137, 0) }
```

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

```
.border{ border-color:rgb(62, 137, 0) }
```

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

Here you see how a box with a 4 pixel rgb(62, 137, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(62, 137, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4282288384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 137, 0) }
```

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

```
.background{ background-color: rgb(62, 137,  
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