

Converting Colors

Android(4282559744)

Have a look what the booklet for
Android(4282559744) contains.

Android(4282559744)	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(4282559744)

Conversions

Conversions Part 1

Format	Color
Hex	42AD00
RGB	66, 173, 0
RGB Percent	26%, 68%, 0%
CMY	0.7412, 0.3216, 1.0000
CMYK	0.62, 0.00, 1.00, 0.32
HSL	97°, 100%, 34%
HSV	97°, 100%, 68%
XYZ	17.1903, 31.0454, 5.0863
YIQ	121.2850, -8.2390, -76.4870

Conversions

Conversions Part 2

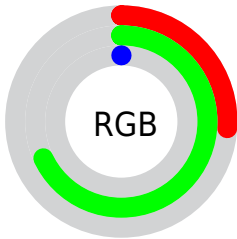
Format	Color
RYB	0, 173, 107
Decimal	4369664
CIELab	62.55, -55.80, 63.39
CIElCh	63, 84.454, 131.354
Yxy	31.0454, 0.3224, 0.5822
Android (android.graphics.Color)	4282559744 (0xFF42AD00)
YUV	121.2850, -59.7935, -48.4849
Hunter-Lab	55.7184, -42.4360, 33.5905

Details

The Android color `4282559744` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4285202605`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4286571851`, and `4278220544` is the 20% darker color. If you saturate the color by 10%, you get `4282559744`, and if you desaturate by 10%, it is `4283280657`.

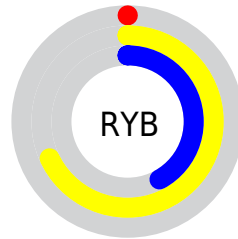
Distribution



Red (26%)

Green (68%)

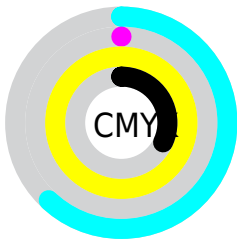
Blue (0%)



Red (0%)

Yellow (68%)

Blue (42%)

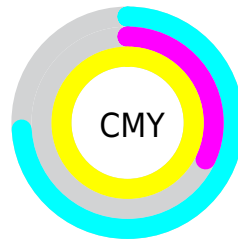


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (74%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282559744 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 4282559744 by changing the saturation by 10% instead.

 4282559744

 4282559744

4294967295

 4279996928

 4286571851

 4278220544

 4288544615

 4278214144

 4290445187

 4278207744

 4292411295

 4278202112

 4294377403

 4278194176

 4294967256

 4278190080

 4294967285

 4282559744

 4283280657

 4283936035

 4284656948

 4285377861

 4286098775

 4286754152

 4287475065

 4288195978

 4288851356

Harmonies

Analogous

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



4288519424



4282559744



4278236516

Triad

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



4282559744



4278234623



4294916478

Complementary

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



4282559744



4285202605

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.



4294920649



4282559744



4278228991

Square

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



4282559744



4278236921



4290540799



4294925366

Rectangle

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



4282559744



4278237081



4290540799



4294915991

Sweetspot

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



4282559744



4290240669



4289555200



4283920456



4293980400



4285558896

Same Dimension

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



4282559744



4283883520



4278234388



4283520846



4281964032



4278785792

Inverse Universe

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



4285202605



4287299808



4289527961



4283649623



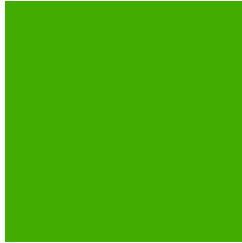
4284285078



4279107607

Previews

White Background



This preview shows how the Android color 4282559744 looks on a white background.

Color Contrast Check

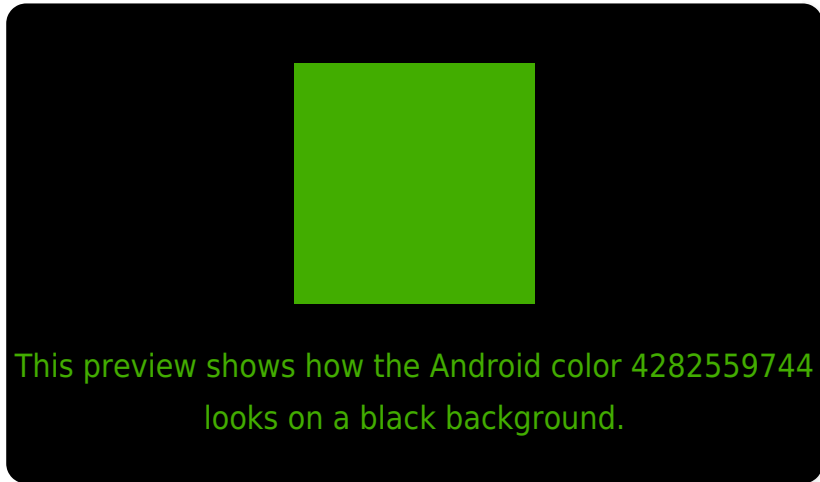
Large Text (above 18pt) WCAG AA × Fail

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

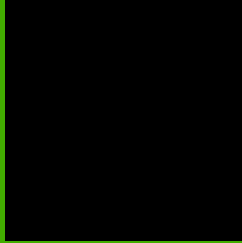
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282559744 Background



This preview shows how black text looks on a background with the Android color 4282559744.



This preview shows how white text looks on a background with the Android color 4282559744.

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
4282559744

Protanopia
4289369856

Deuteranopia
4290613028

Trichromacy



Original Color

4282559744



Protanomaly

4286881536



Deuteranomaly

4287666711



Tritanomaly

4283737455

Monochromacy



Original Color

4282559744



Achromatopsia

4286151033



Achromatomaly

4284845133

CSS Examples

Text

The CSS property to change the color of the text to Android 4282559744 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(66, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(66, 173, 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(66, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 173, 0) }
```

Border

The CSS property to change the border of an element to Android 4282559744 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(66, 173, 0) }
```

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

```
.border{ border-color:rgb(66, 173, 0) }
```

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

Here you see how a box with a 4 pixel rgb(66, 173, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(66, 173, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4282559744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 173, 0) }
```

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

```
.background{ background-color: rgb(66, 173,  
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