

Converting Colors

Android(4282884905)

Have a look what the booklet for
Android(4282884905) contains.

Android(4282884905)	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(4282884905)

Conversions

Conversions Part 1

Format	Color
Hex	47A329
RGB	71, 163, 41
RGB Percent	28%, 64%, 16%
CMY	0.7216, 0.3608, 0.8392
CMYK	0.56, 0.00, 0.75, 0.36
HSL	105°, 60%, 40%
HSV	105°, 75%, 64%
XYZ	16.0960, 27.6941, 6.5950
YIQ	121.5840, -15.6700, -57.4460

Conversions

Conversions Part 2

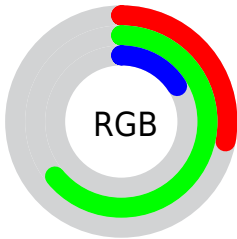
Format	Color
RYB	41, 163, 133
Decimal	4694825
CIELab	59.61, -49.28, 51.82
CIELCh	60, 71.513, 133.562
Yxy	27.6941, 0.3195, 0.5496
Android (android.graphics.Color)	4282884905 (0xFF47A329)
YUV	121.5840, -39.7279, -44.3622
Hunter-Lab	52.6252, -37.4979, 29.4074

Details

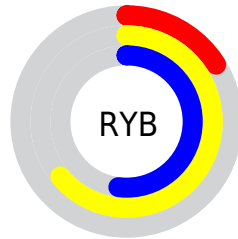
The Android color `4282884905` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4286917027`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4286700383`, and `4278218240` is the 20% darker color. If you saturate the color by 10%, you get `4282098457`, and if you desaturate by 10%, it is `4283671353`.

Distribution



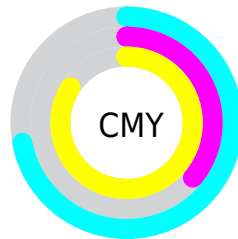
- Red (28%)
- Green (64%)
- Blue (16%)



- Red (16%)
- Yellow (64%)
- Blue (52%)



- Cyan (56%)
- Magenta (0%)
- Yellow (75%)
- Black (36%)



- Cyan (72%)
- Magenta (36%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282884905 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 4282884905 by changing the saturation by 10% instead.



4282884905



4282884905

4294967295



4280780805



4286700383



4278218240



4288542841



4278211840



4290445204



4278205696



4292345776



4278200064



4294311884



4278190080



4294967273



4282884905



4282884905



4282098457



4283671353

■ 4281246472

■ 4284523338

■ 4280853248

■ 4285309786

■ 4286096234

■ 4286882682

■ 4287734667

■ 4288521115

■ 4289307563

■ 4290159548

Harmonies

Analogous

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



4287796736



4282884905



4278233706

Triad

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



4282884905



4278231295



4294921334

Complementary

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



4282884905



4286917027

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.



4293809077



4282884905



4281044479

Square

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



4282884905



4278233829



4290146796



4293878586

Rectangle

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



4282884905



4278234262



4290146796



4294789771

Sweetspot

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



4282884905



4289844389



4288906281



4283853647



4293651435



4285229931

Same Dimension

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



4282884905



4282700821



4280918856



4283126345



4280586496



4278456832

Inverse Universe

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



4286917027



4289009108



4288883076



4283451730



4285399185



4279042066

Previews

White Background



This preview shows how the Android color 4282884905 looks on a white background.

Color Contrast Check

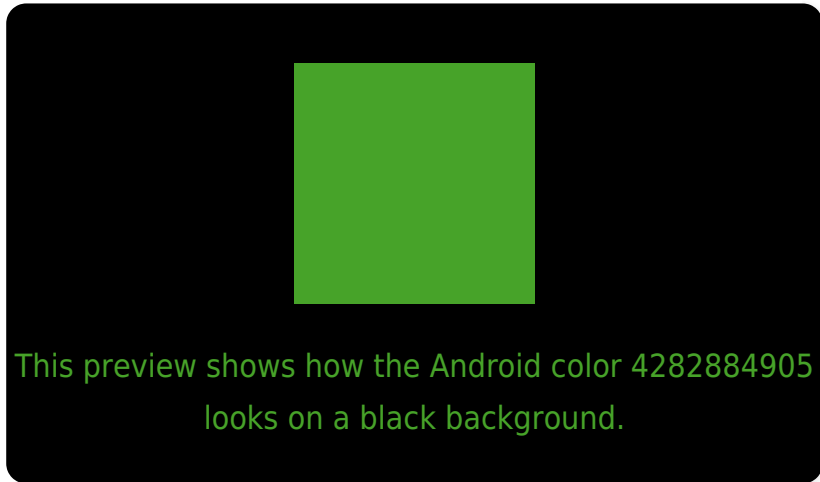
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282884905 Background



This preview shows how black text looks on a background with the Android color 4282884905.



This preview shows how white text looks on a background with the Android color 4282884905.

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



Trichromacy



Original Color

4282884905



Protanomaly

4286617126



Deuteranomaly

4287337008



Tritanomaly

4283866231

Monochromacy



Original Color

4282884905



Achromatopsia

4286216826



Achromatomaly

4284975453

CSS Examples

Text

The CSS property to change the color of the text to Android 4282884905 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(71, 163, 41)` looks like.

```
.text, #text, p{  
    color:rgb(71, 163, 41)  
}
```

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(71, 163, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 163, 41) }
```

Border

The CSS property to change the border of an element to Android 4282884905 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(71, 163, 41) }
```

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

```
.border{ border-color:rgb(71, 163, 41) }
```

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

Here you see how a box with a 4 pixel rgb(71, 163, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 163, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 163, 41);  
box-shadow:4px 4px 4px 4px rgb(71, 163,  
41) }
```

Background

The CSS property to change the background color of an element to Android 4282884905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 163, 41) }
```

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

```
.background{ background-color: rgb(71, 163,  
41) }
```

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