

Converting Colors

Android(4284000009)

Have a look what the booklet for
Android(4284000009) contains.

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Color

Android(4284000009)

Conversions

Conversions Part 1

Format	Color
Hex	58A709
RGB	88, 167, 9
RGB Percent	35%, 65%, 4%
CMY	0.6549, 0.3451, 0.9647
CMYK	0.47, 0.00, 0.95, 0.35
HSL	90°, 90%, 35%
HSV	90°, 95%, 65%
XYZ	17.8925, 29.7319, 5.0542
YIQ	125.3670, 3.6340, -65.8860

Conversions

Conversions Part 2

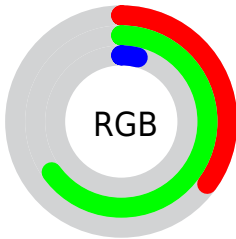
Format	Color
RYB	9, 167, 88
Decimal	5809929
CIELab	61.42, -47.16, 61.61
CIELCh	61, 77.585, 127.431
Yxy	29.7319, 0.3397, 0.5644
Android (android.graphics.Color)	4284000009 (0xFF58A709)
YUV	125.3670, -57.3689, -32.7709
Hunter-Lab	54.5269, -36.8489, 32.6731

Details

The Android color `428400009` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4283959719`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4287749965`, and `4279661056` is the 20% darker color. If you saturate the color by 10%, you get `4283672320`, and if you desaturate by 10%, it is `4284524314`.

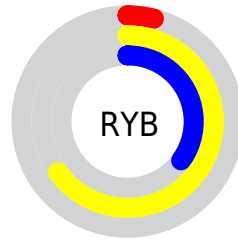
Distribution



Red (35%)

Green (65%)

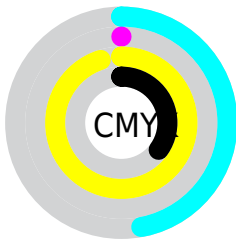
Blue (4%)



Red (4%)

Yellow (65%)

Blue (35%)

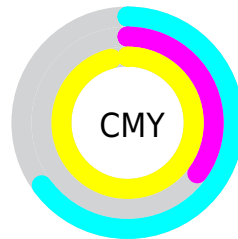


Cyan (47%)

Magenta (0%)

Yellow (95%)

Black (35%)



Cyan (65%)

Magenta (35%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284000009 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 4284000009 by changing the saturation by 10% instead.



4284000009



4284000009

4294967295



4282027008



4287749965



4279661056



4289657961



4278212864



4291559300



4278206464



4293525408



4278201088



4294967228



4278192640



4294967257



4278190080



4294967286



4284000009



4284000009

■ 4283672320

■ 4284524314

■ 4285114154

■ 4285638459

■ 4286162764

■ 4286752604

■ 4287276909

■ 4287801214

■ 4288391055

■ 4288915359

Harmonies

Analogous

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



4288911104



4284000009



4278234972

Triad

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



4284000009



4278233855



4294919302

Complementary

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



428400009



4283959719

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.



4294071754



4284000009



4278228991

Square

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



428400009



4278235879



4289362431



4294925380

Rectangle

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



428400009



4278235788



4289362431



4294919581

Sweetspot

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



4284000009



4290435484



4289157129



4284182088



4293783021



4285427310

Same Dimension

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



4284000009



4285323520



4278822665



4283454540



4283077632



4278850560

Inverse Universe

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



4283959719



4285268185



4289137063



4283452500



4283039892



4278845460

Previews

White Background



This preview shows how the Android color 4284000009 looks on a white background.

Color Contrast Check

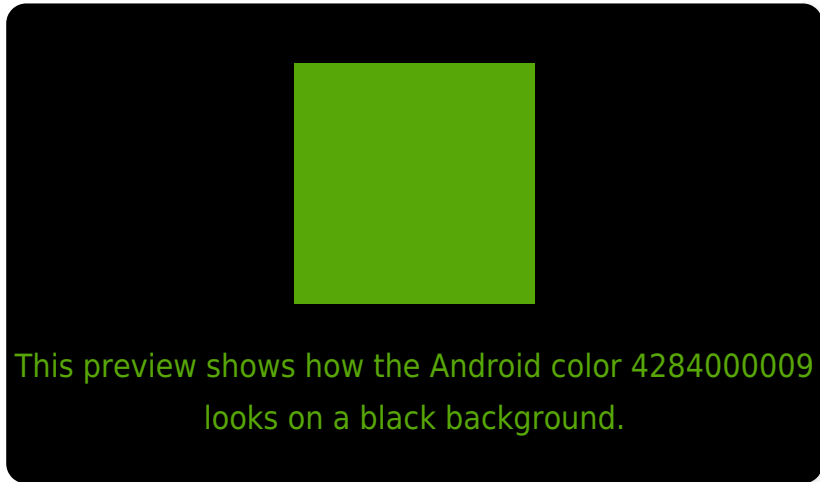
Large Text (above 18pt) WCAG AA ✓ Pass

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 428400009 Background



This preview shows how black text looks on a background with the Android color 428400009.



This preview shows how white text looks on a background with the Android color 428400009.

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
4284000009

Protanopia
4289106944

Deuteranopia
4290415651

Trichromacy



Original Color

4284000009



Protanomaly

4287273731



Deuteranomaly

4288058906



Tritanomaly

4284850030

Monochromacy



Original Color

4284000009



Achromatopsia

4286414205



Achromatomaly

4285566035

CSS Examples

Text

The CSS property to change the color of the text to Android 4284000009 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(88, 167, 9)` looks like.

```
.text, #text, p{  
    color:rgb(88, 167, 9)  
}
```

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(88, 167, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 167, 9) }
```

Border

The CSS property to change the border of an element to Android 4284000009 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(88, 167, 9) }
```

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

```
.border{ border-color:rgb(88, 167, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 167, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 167, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 167, 9);  
box-shadow:4px 4px 4px 4px rgb(88, 167, 9)  
}
```

Background

The CSS property to change the background color of an element to Android 4284000009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 167, 9) }
```

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

```
.background{ background-color: rgb(88, 167,  
9) }
```

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](#).

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