

Converting Colors

Android(4282712009)

Have a look what the booklet for
Android(4282712009) contains.

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Color

Android(4282712009)

Conversions

Conversions Part 1

Format	Color
Hex	44FFC9
RGB	68, 255, 201
RGB Percent	27%, 100%, 79%
CMY	0.7333, 0.0000, 0.2118
CMYK	0.73, 0.00, 0.21, 0.00
HSL	163°, 100%, 63%
HSV	163°, 73%, 100%
XYZ	48.6865, 76.9660, 67.5482
YIQ	192.9310, -94.1180, -56.4380

Conversions

Conversions Part 2

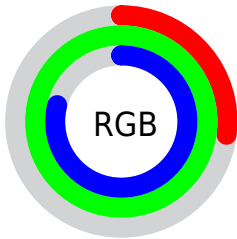
Format	Color
RYB	68, 177, 255
Decimal	4521929
CIELab	90.31, -58.15, 12.71
CIELCh	90, 59.527, 167.670
Yxy	76.9660, 0.2520, 0.3984
Android (android.graphics.Color)	4282712009 (0xFF44FFC9)
YUV	192.9310, 3.9780, -109.5645
Hunter-Lab	87.7303, -54.4682, 15.7606

Details

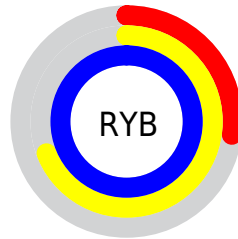
The Android color `4282712009` is a light color, and the websafe version is hex `33FFCC`. The color can be described as light washed cyan. A complement of this color would be `4294919290`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4287430655`, and `4278240659` is the 20% darker color. If you saturate the color by 10%, you get `4281008066`, and if you desaturate by 10%, it is `4284350416`.

Distribution



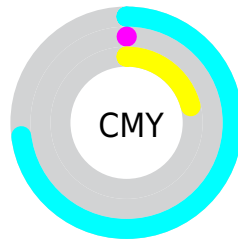
- Red (27%)
- Green (100%)
- Blue (79%)



- Red (27%)
- Yellow (69%)
- Blue (100%)



- Cyan (73%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (73%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282712009 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 4282712009 by changing the saturation by 10% instead.

 4282712009

 4282712009

4294967295


 4278248110

 4287430655

 4278240659

 4289593343

 4278233465

 4291624959

 4278226528

 4293722111

 4278219593

 4278212914

 4278206493

 4278200580

 4278190592

■ 4282712009

■ 4282712009

■ 4281008066

■ 4284350416

■ 4279369658

■ 4286054360

■ 4278255541

■ 4287758303

■ 4289396710

■ 4291035118

■ 4292739061

■ 4294377469

4294967295

Harmonies

Analogous

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



4288936084



4282712009



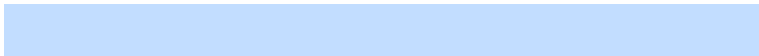
4278255615

Triad

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



4282712009



4290960895



4294951825

Complementary

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



4282712009



4294919290

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.



4294948292



4282712009



4294952959

Square

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



4282712009



4281987327



4294948861



4294957170

Rectangle

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



4282712009



4278255359



4294948861



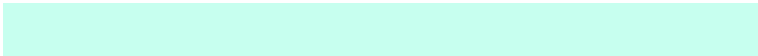
4294950304

Sweetspot

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



4282712009



4291297263



4286381892



4284383350



4278190080



4286611584

Same Dimension

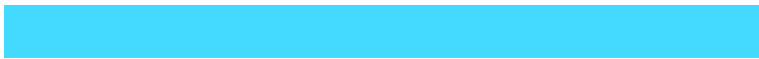
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4282712009



4280287166



4282702591



4285759612



4278239112



4278206509

Inverse Universe

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



4294919290



4294909791



4294928708



4286608246



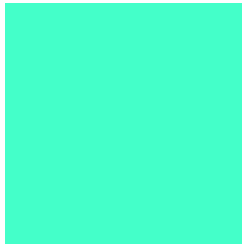
4290707511



4282384402

Previews

White Background



This preview shows how the Android color 4282712009 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



This preview shows how the Android color 4282712009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

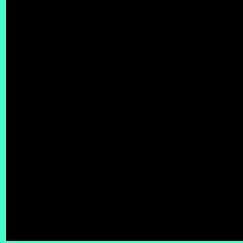
Any Text WCAG AA ✓ Pass

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 4282712009 Background



This preview shows how black text looks on a background with the Android color 4282712009.



This preview shows how white text looks on a background with the Android color 4282712009.

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





Tritanopia
4288147711

Trichromacy



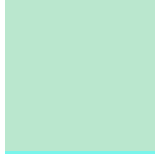
Original Color

4282712009



Protanomaly

4289785023



Deuteranomaly

4290439118



Tritanomaly

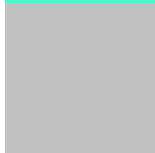
4286182891

Monochromacy



Original Color

4282712009



Achromatopsia

4290888129



Achromatomaly

4287944900

CSS Examples

Text

The CSS property to change the color of the text to Android 4282712009 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(68, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(68, 255, 201)  
}
```

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(68, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 255, 201) }
```

Border

The CSS property to change the border of an element to Android 4282712009 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(68, 255, 201) }
```

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

```
.border{ border-color:rgb(68, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(68, 255,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4282712009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 255, 201) }
```

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

```
.background{ background-color: rgb(68, 255,  
201) }
```

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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