

Converting Colors

Android(4287017428)

Have a look what the booklet for
Android(4287017428) contains.

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Color

Android(4287017428)

Conversions

Conversions Part 1

Format	Color
Hex	86B1D4
RGB	134, 177, 212
RGB Percent	53%, 69%, 83%
CMY	0.4745, 0.3059, 0.1686
CMYK	0.37, 0.17, 0.00, 0.17
HSL	207°, 48%, 68%
HSV	207°, 37%, 83%
XYZ	37.4373, 41.2661, 68.2793
YIQ	168.1330, -36.8630, 1.7690

Conversions

Conversions Part 2

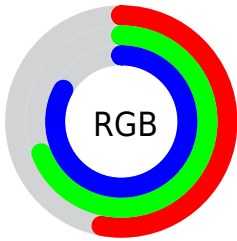
Format	Color
RYB	134, 162, 212
Decimal	8827348
CIELab	70.36, -5.73, -22.29
CIELCh	70, 23.014, 255.571
Yxy	41.2661, 0.2547, 0.2808
Android (android.graphics.Color)	4287017428 (0xFF86B1D4)
YUV	168.1330, 21.6264, -29.9346
Hunter-Lab	64.2387, -8.3906, -18.0523

Details

The Android color `4287017428` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4292127110`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4290636287`, and `4283530653` is the 20% darker color. If you saturate the color by 10%, you get `4285638612`, and if you desaturate by 10%, it is `4288396244`.

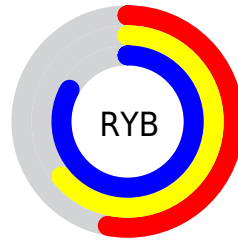
Distribution



Red (53%)

Green (69%)

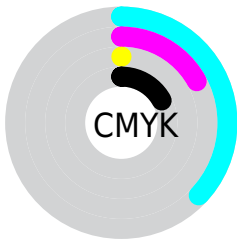
Blue (83%)



Red (53%)

Yellow (64%)

Blue (83%)

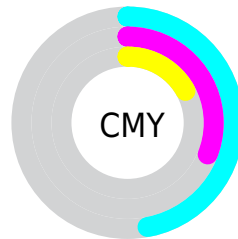


Cyan (37%)

Magenta (17%)

Yellow (0%)

Black (17%)



Cyan (47%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287017428 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 4287017428 by changing the saturation by 10% instead.

 4287017428

 4287017428

4294967295

 4285241016

 4290636287

 4283530653

 4292542463

 4281754755

 4294443007

 4279848042

 4278203730

 4278198330

 4278191397

 4278190349

 4278190080

■ 4287017428

■ 4287017428

■ 4285638612

■ 4288396244

■ 4284260052

■ 4289774804

■ 4282815700

■ 4291219156

■ 4281437140

■ 4292597716

■ 4280058324

■ 4293976532

■ 4278679764

■ 4294961876

■ 4278220244

■ 4294964436

■ 4294966740

■ 4294967252

Harmonies

Analogous

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



4285773513



4287017428



4288850644

Triad

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



4287017428



4292320674



4288263310

Complementary

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



4287017428



4292127110

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.



4289769092



4287017428



4292059535

Square

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



4287017428



4291862199



4291143556



4286756769

Rectangle

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



4287017428



4290029006



4291143556



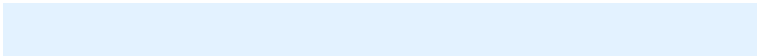
4288787082

Sweetspot

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



4287017428



4293128959



4287026344



4285495424



4278190080



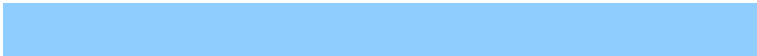
4286611584

Same Dimension

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



4287017428



4287614463



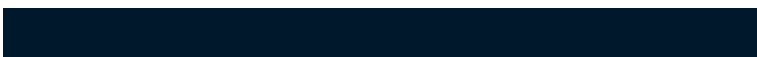
4287007700



4284507755



4278214315



4278196267

Inverse Universe

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



4292118193



4294938573



4292136838



4285227110



4289396830



4281008152

Previews

White Background



This preview shows how the Android color 4287017428 looks on a white background.

Color Contrast Check

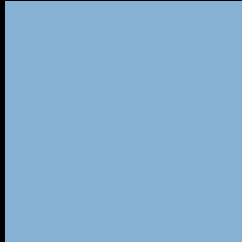
Large Text (above 18pt) WCAG AA × Fail

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 4287017428 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 4287017428 Background



This preview shows how black text looks on a background with the Android color 4287017428.



This preview shows how white text looks on a background with the Android color 4287017428.

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
4287017428

Protanomaly
4288196049

Deuteranomaly
4288326613

Tritanomaly
4286821321

Monochromacy



Original Color
4287017428

Achromatopsia
4289243304

Achromatomaly
4288457656

CSS Examples

Text

The CSS property to change the color of the text to Android 4287017428 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(134, 177, 212)` looks like.

```
.text, #text, p{  
    color:rgb(134, 177, 212)  
}
```

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(134, 177, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 177, 212) }
```

Border

The CSS property to change the border of an element to Android 4287017428 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(134, 177, 212) }
```

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

```
.border{ border-color:rgb(134, 177, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 177, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 177, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 177, 212);  
box-shadow:4px 4px 4px 4px rgb(134, 177,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4287017428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 177, 212) }
```

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

```
.background{ background-color: rgb(134,  
177, 212) }
```

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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