

Converting Colors

Android(4288002018)

Have a look what the booklet for
Android(4288002018) contains.

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Color

Android(4288002018)

Conversions

Conversions Part 1

Format	Color
Hex	95B7E2
RGB	149, 183, 226
RGB Percent	58%, 72%, 89%
CMY	0.4157, 0.2824, 0.1137
CMYK	0.34, 0.19, 0.00, 0.11
HSL	214°, 57%, 74%
HSV	214°, 34%, 89%
XYZ	43.0554, 45.7475, 78.5124
YIQ	177.7360, -34.0670, 6.1650

Conversions

Conversions Part 2

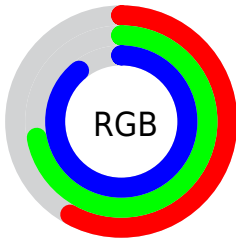
Format	Color
R_{YB}	149, 173, 226
Decimal	9811938
CIE _{Lab}	73.38, -1.26, -25.24
CIE _{LCh}	73, 25.271, 267.135
Yxy	45.7475, 0.2573, 0.2734
Android (android.graphics.Color)	4288002018 (0xFF95B7E2)
YUV	177.7360, 23.7942, -25.2015
Hunter-Lab	67.6369, -4.7375, -21.4775

Details

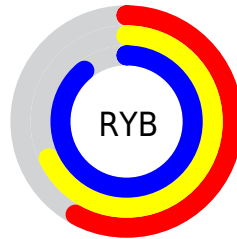
The Android color `4288002018` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4293050517`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4291686399`, and `4284449451` is the 20% darker color. If you saturate the color by 10%, you get `4286491362`, and if you desaturate by 10%, it is `4289512674`.

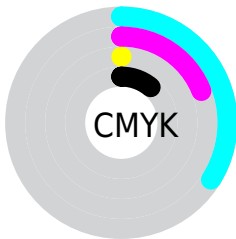
Distribution



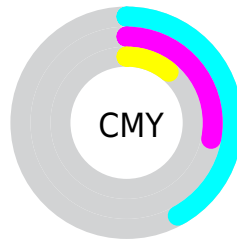
- Red (58%)
- Green (72%)
- Blue (89%)



- Red (58%)
- Yellow (68%)
- Blue (89%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288002018 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 4288002018 by changing the saturation by 10% instead.



4288002018



4288002018

4294967295



4286225606



4291686399



4284449451



4293591039



4282739088



4280963446



4278794845



4278199622



4278194223



4278190362



4278190080

■ 4288002018

■ 4288002018

■ 4286491362

■ 4289512674

■ 4285046498

■ 4290957538

■ 4283535842

■ 4292468194

■ 4282090978

■ 4293913058

■ 4280580322

■ 4294964962

■ 4279069666

■ 4294967266

■ 4278215906

Harmonies

Analogous

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



4286234074



4288002018



4290097117

Triad

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



4288002018



4293109152



4287938458

Complementary

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



4288002018



4293050517

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.



4289706379



4288002018



4292520590

Square

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



4288002018



4292912311



4291342982



4286431665

Rectangle

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



4288002018



4291341012



4291342982



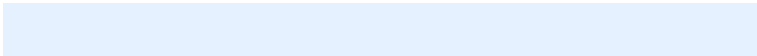
4288527764

Sweetspot

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



4288002018



4293325311



4288012991



4285560704



4278190080



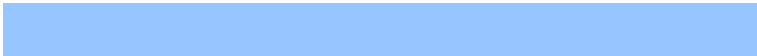
4286611584

Same Dimension

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



4288002018



4288071167



4288255458



4284836464



4278210224



4278195504

Inverse Universe

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



4293039543



4294940357



4292797077



4285556074



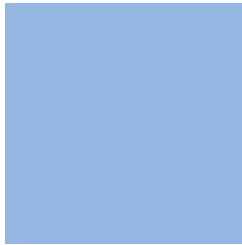
4289724494



4281335829

Previews

White Background



This preview shows how the Android color 4288002018 looks on a white background.

Color Contrast Check

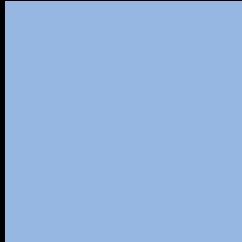
Large Text (above 18pt) WCAG AA × Fail

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 4288002018 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

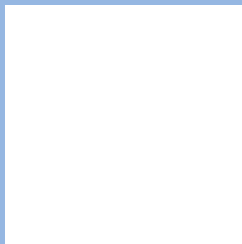
Any Text WCAG AAA ✓ Pass

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

Android 4288002018 Background



This preview shows how black text looks on a background with the Android color 4288002018.



This preview shows how white text looks on a background with the Android color 4288002018.

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
4288002018

Protanopia
4289311454

Deuteranopia
4289507555

Trichromacy



Original Color
4288002018

Protanomaly
4288853215

Deuteranomaly
4288984035

Tritanomaly
4287740627

Monochromacy



Original Color
4288002018

Achromatopsia
4289901234

Achromatomaly
4289180867

CSS Examples

Text

The CSS property to change the color of the text to Android 4288002018 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(149, 183, 226)` looks like.

```
.text, #text, p{  
    color:rgb(149, 183, 226)  
}
```

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(149, 183, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 183, 226) }
```

Border

The CSS property to change the border of an element to Android 4288002018 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(149, 183, 226) }
```

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

```
.border{ border-color:rgb(149, 183, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 183, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 183, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 183, 226);  
box-shadow:4px 4px 4px 4px rgb(149, 183,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4288002018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 183, 226) }
```

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

```
.background{ background-color: rgb(149,  
183, 226) }
```

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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