Converting Colors

Android(4288401663)

Have a look what the booklet for Android(4288401663) contains.

Color

Android(4288401663)

Conversions

Conversions Part 1

Format	Color
Hex	9BD0FF
RGB	155, 208, 255
RGB Percent	61%, 82%, 100%
CMY	0.3922, 0.1843, 0.0000
CMYK	0.39, 0.18, 0.00, 0.00
HSL	208°, 100%, 80%
HSV	208°, 39%, 100%
XYZ	54.1234, 59.3003, 103.2012
YIQ	197.5110, -46.6750, 3.3810

Conversions

Conversions Part 2

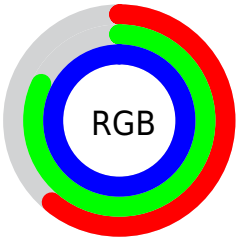
Format	Color
RYB	155, 190, 255
Decimal	10211583
CIELab	81.46, -5.64, -28.43
CIELCh	81, 28.985, 258.780
Yxy	59.3003, 0.2498, 0.2737
Android (android.graphics.Color)	4288401663 (0xFF9BD0FF)
YUV	197.5110, 28.3421, -37.2821
Hunter-Lab	77.0067, -9.3046, -25.5534

Details

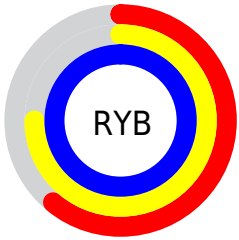
The Android color 4288401663 is a light color, and the websafe version is hex 99CCFF. A complement of this color would be 4294953627, and the grayscale version is 4291151301.

A 20% lighter version of the original color is 4292149247, and 4284717766 is the 20% darker color. If you saturate the color by 10%, you get 4286760191, and if you desaturate by 10%, it is 4290043135.

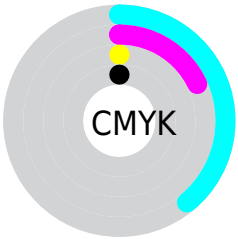
Distribution



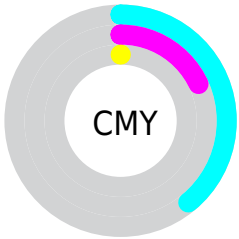
- Red (61%)
- Green (82%)
- Blue (100%)



- Red (61%)
- Yellow (75%)
- Blue (100%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288401663 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 4288401663 by changing the saturation by 10% instead.

4288401663

4294967295

4292149247

4294115327

4288401663

4286559458

4284717766

4282876075

4280903568

4278210422

4278204509

4278199110

4278193455

4278190362

4288401663

4286760191

4285053183

4283411711

4281704703

4279997695

4278356223

4278224895

4288401663

4290043135

4291750143

4293457151

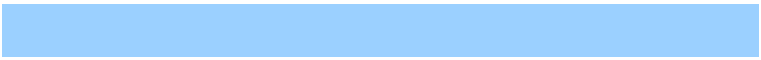
4294967295

Harmonies

Analogous

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

4286568434

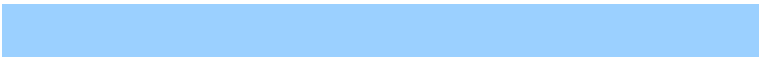


4288401663

4290889726

Triad

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



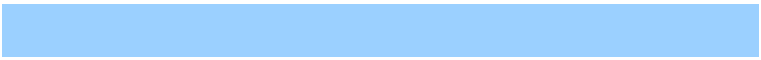
4288401663

4294948794

4289648038

Complementary

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



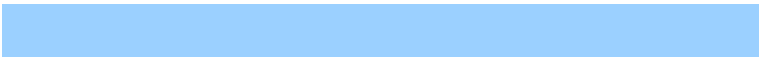
4288401663

4294953627

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.

4291677847

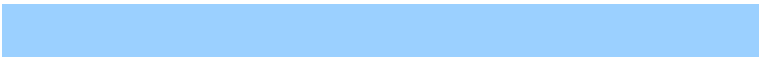


4288401663

4294688163

Square

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



4288401663

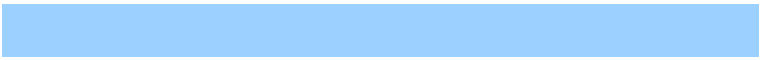
4294621398

4293445014

4287683007

Rectangle

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



4288401663

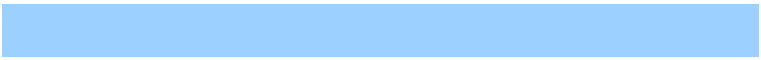
4292461045

4293445014

4290302879

Sweetspot

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



4288401663

4292932095

4288413642

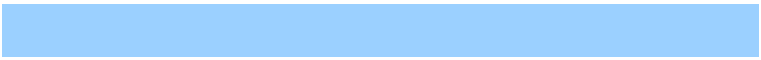
4285429632

4278190080

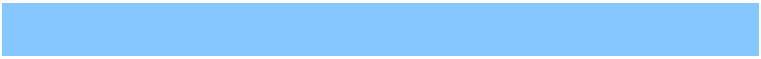
4286611584

Same Dimension

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



4288401663



4287088639

4288388863

4285758080

4278216127

4278198848

Inverse Universe

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

4294941648

4294936519

4294966427

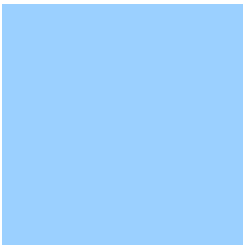
4286608250

4290707557

4282384418

Previews

White Background

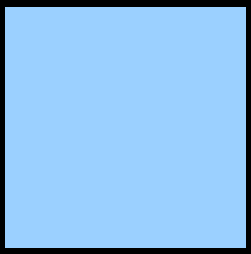


This preview shows how the Android color 4288401663 looks on a white background.

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 4288401663 looks on a black background.

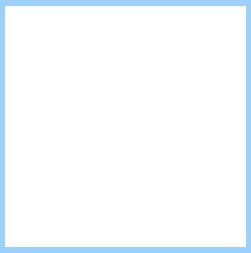
Color Contrast Check

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 4288401663 Background

This preview shows how black text looks on a background with the Android color 4288401663.

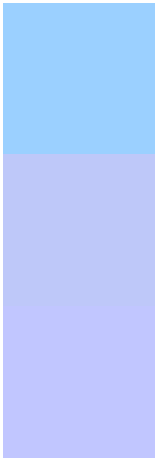


This preview shows how white text looks on a background with the Android color 4288401663.

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
4288401663

Protanopia
4290693369

Deuteranopia
4290889471

Tritanopia
4287943910

Trichromacy

Original Color
4288401663

Protanomaly
4289842171

Deuteranomaly
4289972991

Tritanomaly
4288140271

Monochromacy

Original Color
4288401663

Achromatopsia
4291217094

Achromatomaly
4290169563

CSS Examples

Text

The CSS property to change the color of the text to Android 4288401663 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(155, 208, 255) looks like.

```
.text, #text, p{
    color:rgb(155, 208, 255)
}
```

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(155, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 208, 255) }
```

Border

The CSS property to change the border of an element to Android 4288401663 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(155, 208, 255) }
```

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

```
.border{ border-color:rgb(155, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(155, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 208, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 208, 255); box-shadow:4px 4px 4px 4px rgb(155, 208, 255) }
```

Background

The CSS property to change the background color of an element to Android 4288401663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(155, 208, 255) }
```

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

```
.background{ background-color:rgb(155,
208, 255) }
```

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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