

Converting Colors

Android(4287871960)

Have a look what the booklet for
Android(4287871960) contains.

Android(4287871960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287871960)

Conversions

Conversions Part 1

Format	Color
Hex	93BBD8
RGB	147, 187, 216
RGB Percent	58%, 73%, 85%
CMY	0.4235, 0.2667, 0.1529
CMYK	0.32, 0.13, 0.00, 0.15
HSL	205°, 47%, 71%
HSV	205°, 32%, 85%
XYZ	42.1976, 46.7016, 71.7560
YIQ	178.3460, -33.1490, 0.5390

Conversions

Conversions Part 2

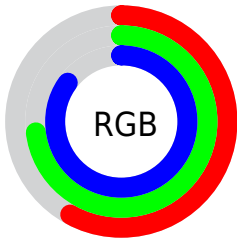
Format	Color
RYB	147, 172, 216
Decimal	9681880
CIELab	74.00, -6.49, -18.88
CIELCh	74, 19.960, 251.025
Yxy	46.7016, 0.2627, 0.2907
Android (android.graphics.Color)	4287871960 (0xFF93BBD8)
YUV	178.3460, 18.5634, -27.4904
Hunter-Lab	68.3385, -9.3724, -14.4180

Details

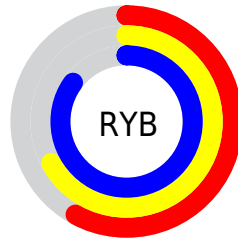
The Android color `4287871960` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4292391059`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4291490815`, and `4284384929` is the 20% darker color. If you saturate the color by 10%, you get `4286427864`, and if you desaturate by 10%, it is `4289316056`.

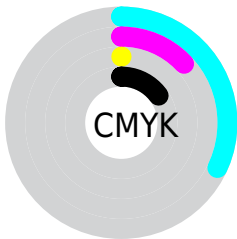
Distribution



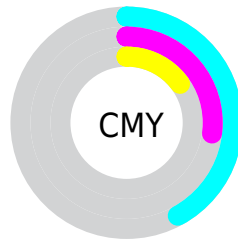
- Red (58%)
- Green (73%)
- Blue (85%)



- Red (58%)
- Yellow (67%)
- Blue (85%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287871960 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 4287871960 by changing the saturation by 10% instead.

 4287871960

 4287871960

4294967295

 4286095548

 4291490815

 4284384929

 4293394431

 4282674567

 4280964206

 4278992213

 4278200382

 4278194984

 4278190355

 4278190080

■ 4287871960

■ 4287871960

■ 4286427864

■ 4289316056

■ 4285049304

■ 4290694616

■ 4283605208

■ 4292138712

■ 4282226648

■ 4293517272

■ 4280782552

■ 4294961368

■ 4279338456

■ 4294963672

■ 4278222296

■ 4294966232

■ 4294967256

Harmonies

Analogous

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



4286955469



4287871960



4289377754

Triad

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



4287871960



4292651440



4289248410

Complementary

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



4287871960



4292391059

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.



4290623378



4287871960



4292521119

Square

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



4287871960



4292061890



4291801492



4287938729

Rectangle

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



4287871960



4290425301



4291801492



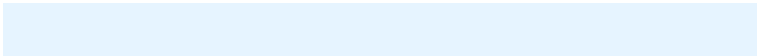
4289706902

Sweetspot

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



4287871960



4293326079



4287879344



4285561216



4278190080



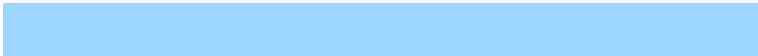
4286611584

Same Dimension

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



4287871960



4288599807



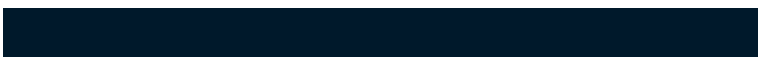
4287863256



4284508011



4278215595



4278196523

Inverse Universe

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



4292383675



4294942422



4292399763



4285227111



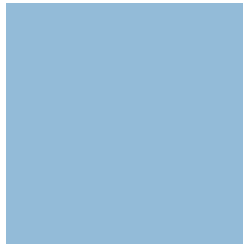
4289396835



4281008153

Previews

White Background



This preview shows how the Android color 4287871960 looks on a white background.

Color Contrast Check

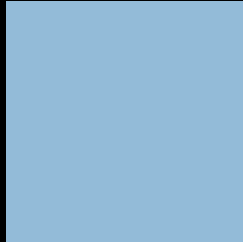
Large Text (above 18pt) WCAG AA × Fail

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 4287871960 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 4287871960 Background



This preview shows how black text looks on a background with the Android color 4287871960.



This preview shows how white text looks on a background with the Android color 4287871960.

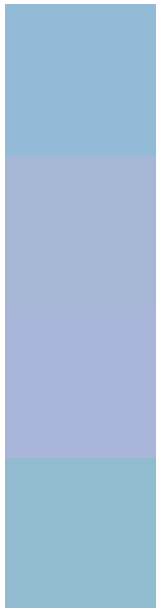
Color Blindness Simulation

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
4287871960

Protanomaly
4289050581

Deuteranomaly
4289312217

Tritanomaly
4287741136

Monochromacy



Original Color
4287871960

Achromatopsia
4289901234

Achromatomaly
4289181120

CSS Examples

Text

The CSS property to change the color of the text to Android 4287871960 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(147, 187, 216)` looks like.

```
.text, #text, p{  
    color:rgb(147, 187, 216)  
}
```

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(147, 187, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 187, 216) }
```

Border

The CSS property to change the border of an element to Android 4287871960 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(147, 187, 216) }
```

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

```
.border{ border-color:rgb(147, 187, 216) }
```

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

Here you see how a box with a 4 pixel rgb(147, 187, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 187, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 187, 216);  
box-shadow:4px 4px 4px 4px rgb(147, 187,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4287871960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 187, 216) }
```

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

```
.background{ background-color: rgb(147,  
187, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor