

Converting Colors

Android(4288075995)

Have a look what the booklet for
Android(4288075995) contains.

| | |
|--|----|
| Android(4288075995) | 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(4288075995)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 96D8DB |
| RGB | 150, 216, 219 |
| RGB Percent | 59%, 85%, 86% |
| CMY | 0.4118, 0.1529, 0.1412 |
| CMYK | 0.32, 0.01, 0.00, 0.14 |
| HSL | 183°, 49%, 72% |
| HSV | 183°, 32%, 86% |
| XYZ | 49.9197, 60.7102, 76.1050 |
| YIQ | 196.6080, -40.2990, -13.0590 |

Conversions

Conversions Part 2

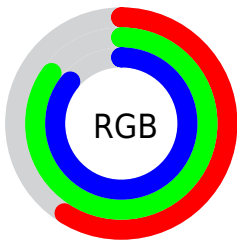
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 150, 184, 219 |
| Decimal | 9885915 |
| CIE Lab | 82.22, -19.96, -8.14 |
| CIE LCh | 82, 21.560, 202.192 |
| Yxy | 60.7102, 0.2673, 0.3251 |
| Android (android.graphics.Color) | 4288075995 (0xFF96D8DB) |
| YUV | 196.6080, 11.0393, -40.8752 |
| Hunter-Lab | 77.9168, -21.9930, -3.3696 |

Details

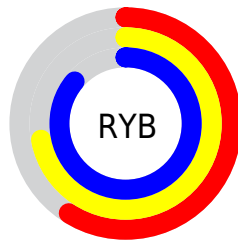
The Android color `4288075995` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4292581782`, and the grayscale version is `4291151301`.

A 20% lighter version of the original color is `4291756031`, and `4284522916` is the 20% darker color. If you saturate the color by 10%, you get `4286633947`, and if you desaturate by 10%, it is `4289518043`.

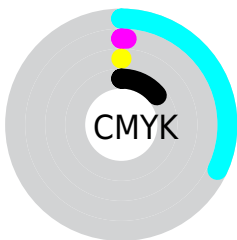
Distribution



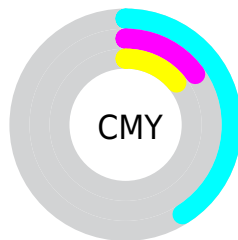
- Red (59%)
- Green (85%)
- Blue (86%)



- Red (59%)
- Yellow (72%)
- Blue (86%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (41%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288075995 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 4288075995 by changing the saturation by 10% instead.



4288075995



4288075995

4294967295



4286299327



4291756031



4284522916



4293656575



4282746762



4280905072



4278539608



4278205761



4278200107



4278193943



4278190080

 4288075995

 4288075995

 4286633947

 4289518043

 4285191899

 4290960091

 4283749851

 4292402139

 4282307803

 4293844187

 4280931291

 4294958555

 4279489243

 4294958811

 4278243803

 4294959067

 4294959323

 4294959579

Harmonies

Analogous

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



4288796870



4288075995



4288402924

Triad

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



4288075995



4293051366



4292987301

Complementary

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



4288075995



4292581782

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.



4294034349



4288075995



4294098899

Square

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



4288075995



4291414514



4294426558



4291612839

Rectangle

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



4288075995



4289188594



4294426558



4293380007

Sweetspot

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



4288075995



4293459711



4288076696



4285628288



4278190080



4286611584

Same Dimension

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



4288075995



4288609279



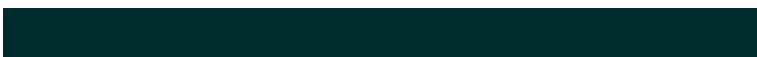
4288067291



4284706158



4278232749



4278201390

Inverse Universe

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



4292581080



4294942459



4292590486



4285424493



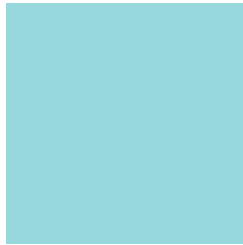
4289527974



4281204780

Previews

White Background



This preview shows how the Android color 4288075995 looks on a white background.

Color Contrast Check

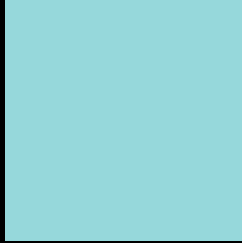
Large Text (above 18pt) WCAG AA × Fail

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 4288075995 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 4288075995 Background



This preview shows how black text looks on a background with the Android color 4288075995.



This preview shows how white text looks on a background with the Android color 4288075995.

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](#).

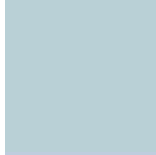
Dichromacy



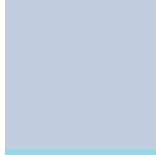
Trichromacy



Original Color
4288075995



Protanomaly
4290367702



Deuteranomaly
4290760158

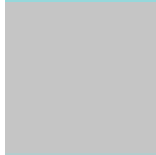


Tritanomaly
4288206819

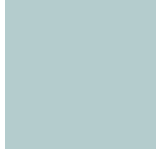
Monochromacy



Original Color
4288075995



Achromatopsia
4291151301



Achromatomaly
4290038989

CSS Examples

Text

The CSS property to change the color of the text to Android 4288075995 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(150, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(150, 216, 219)  
}
```

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(150, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 216, 219) }
```

Border

The CSS property to change the border of an element to Android 4288075995 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(150, 216, 219) }
```

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

```
.border{ border-color:rgb(150, 216, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(150, 216,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4288075995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 216, 219) }
```

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

```
.background{ background-color: rgb(150,  
216, 219) }
```

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