

# Converting Colors

Android(4288013294)

Have a look what the booklet for  
Android(4288013294) contains.

<b>Android(4288013294)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4288013294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95E3EE
RGB	149, 227, 238
RGB Percent	58%, 89%, 93%
CMY	0.4157, 0.1098, 0.0667
CMYK	0.37, 0.05, 0.00, 0.07
HSL	187°, 72%, 76%
HSV	187°, 37%, 93%
XYZ	55.2961, 67.5008, 91.0035
YIQ	204.9320, -50.0190, -13.1150

# Conversions

## Conversions Part 2

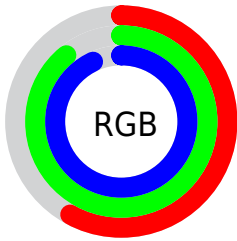
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 191, 238
Decimal	9823214
CIELab	85.76, -21.20, -12.95
CIELCh	86, 24.844, 211.418
Yxy	67.5008, 0.2586, 0.3157
Android (android.graphics.Color)	4288013294 (0xFF95E3EE)
YUV	204.9320, 16.3025, -49.0524
Hunter-Lab	82.1589, -23.6405, -8.1615

# Details

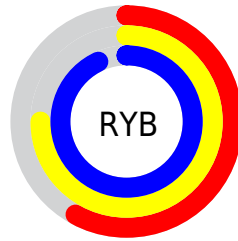
The Android color `4288013294` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4293828757`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4291756031`, and `4284328886` is the 20% darker color. If you saturate the color by 10%, you get `4286439662`, and if you desaturate by 10%, it is `4289586926`.

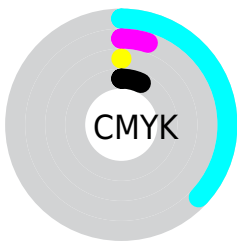
# Distribution



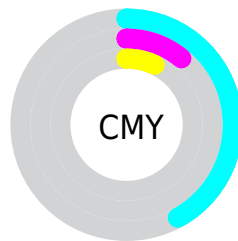
- Red (58%)
- Green (89%)
- Blue (93%)



- Red (58%)
- Yellow (75%)
- Blue (93%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (11%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288013294 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 4288013294 by changing the saturation by 10% instead.




 4288013294

 4288013294

4294967295

 4286171090

 4291756031

 4284328886

 4293656575

 4282487195

 4280317825

 4278214248

 4278208080

 4278202169

 4278197284

 4278190349

 4288013294

 4288013294

 4286439662


 4289586926

 4284866030

 4291160558

 4283357934

 4292668654

 4281784302

 4294242286

 4280210670

 4294963950

 4278637038

 4294964718

 4278243822

 4294965486

 4294966254

 4294966766

# Harmonies

## Analogous

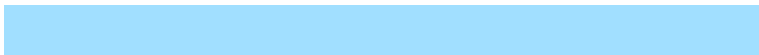
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288537815



4288013294



4288798719

# Triad

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



4288013294



4294363629



4293383592

# Complementary

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



4288013294



4293828757

# 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.



4294757806



4288013294



4294952662

# Square

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



4288013294



4292661502



4294952895



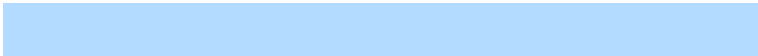
4291681454

# Rectangle

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



4288013294



4289911807



4294952895



4293907368

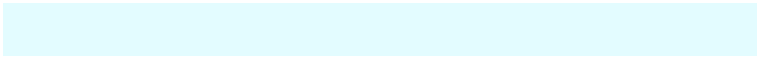


# Sweetspot

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



4288013294



4293131519



4288016031



4285496704



4278190080



4286611584

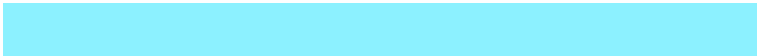


# Same Dimension

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



4288013294



4287427071



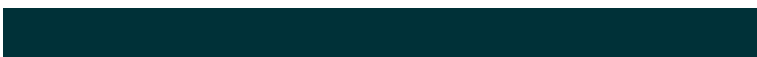
4288002030



4285298296



4278231480



4278202680



# Inverse Universe

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



4293826019



4294937841



4293840021



4286082166



4290248865

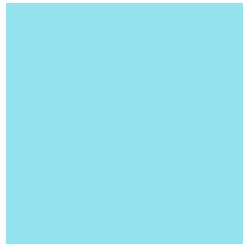


4281860145



# Previews

## White Background



This preview shows how the Android color 4288013294 looks on a white background.

## Color Contrast Check

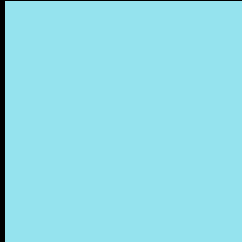
Large Text (above 18pt) WCAG AA × Fail

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 4288013294 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 4288013294 Background



This preview shows how black text looks on a background with the Android color 4288013294.




This preview shows how white text looks on a background with the Android color 4288013294.

# 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



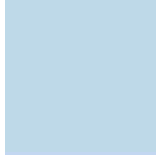


**Tritanopia**  
4288144116

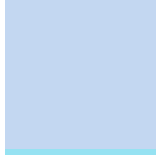
# Trichromacy



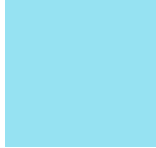
**Original Color**  
4288013294



**Protanomaly**  
4290697704



**Deuteranomaly**  
4291024881

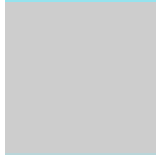


**Tritanomaly**  
4288078578

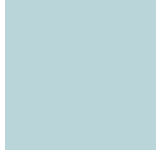
# Monochromacy



**Original Color**  
4288013294



**Achromatopsia**  
4291677645



**Achromatomaly**  
4290368985

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288013294 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, 227, 238)` looks like.

```
.text, #text, p{  
    color:rgb(149, 227, 238)  
}
```

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, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 227, 238) }
```

## Border

The CSS property to change the border of an element to Android 4288013294 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, 227, 238) }
```

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

```
.border{ border-color:rgb(149, 227, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 227, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(149, 227,  
238) }
```

# Background

The CSS property to change the background color of an element to Android 4288013294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 227, 238) }
```

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

```
.background{ background-color: rgb(149,  
227, 238) }
```

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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