

Converting Colors

Android(4288275696)

Have a look what the booklet for
Android(4288275696) contains.

Android(4288275696)	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(4288275696)

Conversions

Conversions Part 1

Format	Color
Hex	99E4F0
RGB	153, 228, 240
RGB Percent	60%, 89%, 94%
CMY	0.4000, 0.1059, 0.0588
CMYK	0.36, 0.05, 0.00, 0.06
HSL	188°, 74%, 77%
HSV	188°, 36%, 94%
XYZ	56.6084, 68.5504, 92.6860
YIQ	206.9430, -48.5520, -12.1680

Conversions

Conversions Part 2

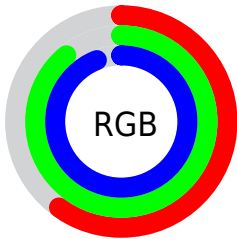
Format	Color
RYB	153, 193, 240
Decimal	10085616
CIELab	86.28, -20.19, -13.20
CIElCh	86, 24.119, 213.180
Yxy	68.5504, 0.2599, 0.3147
Android (android.graphics.Color)	4288275696 (0xFF99E4F0)
YUV	206.9430, 16.2971, -47.3080
Hunter-Lab	82.7952, -22.8481, -8.4163

Details

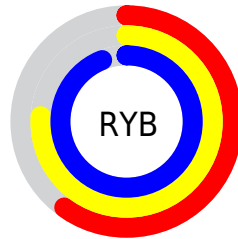
The Android color `4288275696` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4293961113`, and the grayscale version is `4291809231`.

A 20% lighter version of the original color is `4292018175`, and `4284591288` is the 20% darker color. If you saturate the color by 10%, you get `4286702064`, and if you desaturate by 10%, it is `4289849328`.

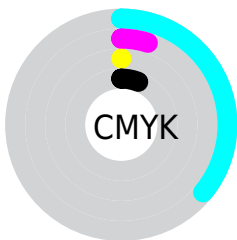
Distribution



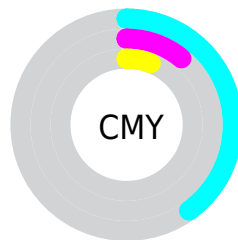
- Red (60%)
- Green (89%)
- Blue (94%)



- Red (60%)
- Yellow (76%)
- Blue (94%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (40%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288275696 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 4288275696 by changing the saturation by 10% instead.

 4288275696

 4288275696

4294967295

 4286433492

 4292018175

 4284591288

 4293918719

 4282749597

 4280776835



















 4278214506

 4278208338

 4278202427

 4278197541

 4278190352

 4288275696	 4288275696
 4286702064	 4289849328
 4285128176	 4291423216
 4283554544	 4292996848
 4281980912	 4294570480
 4280407024	 4294964720
 4278833392	 4294965488
 4278243312	 4294966256
	 4294967024
	 4294967280

Harmonies

Analogous

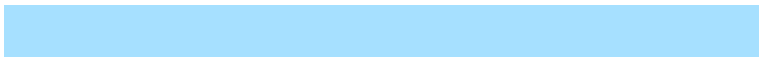
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288734682



4288275696



4289126655

Triad

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



4288275696



4294495213



4293384106

Complementary

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



4288275696



4293961113

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.



4294693040



4288275696



4294953174

Square

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



4288275696



4292858366



4294953664



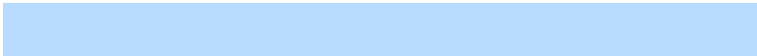
4291747505

Rectangle

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



4288275696



4290239743



4294953664



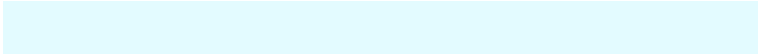
4293842347

Sweetspot

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



4288275696



4293131263



4288278693



4285496704



4278190080



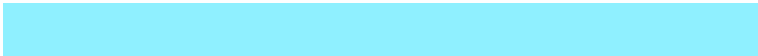
4286611584

Same Dimension

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



4288275696



4287623423



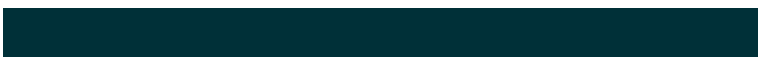
4288264688



4285298296



4278230712



4278202424

Inverse Universe

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



4293958116



4294938608



4293972121



4286082166



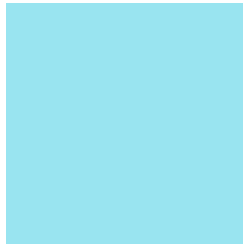
4290248862



4281860144

Previews

White Background



This preview shows how the Android color 4288275696 looks on a white background.

Color Contrast Check

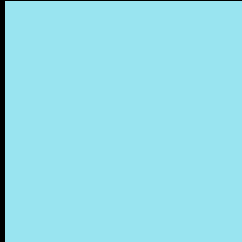
Large Text (above 18pt) WCAG AA × Fail

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 4288275696 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 4288275696 Background



This preview shows how black text looks on a background with the Android color 4288275696.




This preview shows how white text looks on a background with the Android color 4288275696.

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





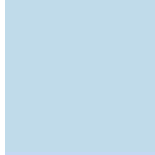
Tritanopia
4288340981

Trichromacy



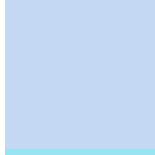
Original Color

4288275696



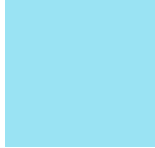
Protanomaly

4290829290



Deuteranomaly

4291156211



Tritanomaly

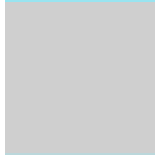
4288340979

Monochromacy



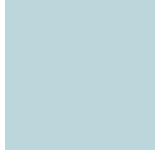
Original Color

4288275696



Achromatopsia

4291809231



Achromatomaly

4290500571

CSS Examples

Text

The CSS property to change the color of the text to Android 4288275696 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(153, 228, 240)` looks like.

```
.text, #text, p{  
    color:rgb(153, 228, 240)  
}
```

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(153, 228, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 228, 240) }
```

Border

The CSS property to change the border of an element to Android 4288275696 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(153, 228, 240) }
```

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

```
.border{ border-color:rgb(153, 228, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 228, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 228, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 228, 240);  
box-shadow:4px 4px 4px 4px rgb(153, 228,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4288275696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 228, 240) }
```

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

```
.background{ background-color: rgb(153,  
228, 240) }
```

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