

# Converting Colors

Android(4287222505)

Have a look what the booklet for  
Android(4287222505) contains.

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# **Color**

**Android(4287222505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89D2E9
RGB	137, 210, 233
RGB Percent	54%, 82%, 91%
CMY	0.4627, 0.1765, 0.0863
CMYK	0.41, 0.10, 0.00, 0.09
HSL	194°, 69%, 73%
HSV	194°, 41%, 91%
XYZ	48.0711, 57.2947, 85.6162
YIQ	190.7950, -50.8910, -8.3230

# Conversions

## Conversions Part 2

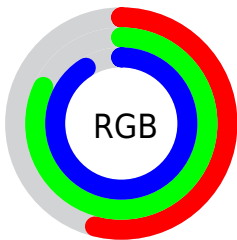
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 178, 233
Decimal	9032425
CIELab	80.35, -16.91, -18.49
CIELCh	80, 25.055, 227.547
Yxy	57.2947, 0.2517, 0.3000
Android (android.graphics.Color)	4287222505 (0xFF89D2E9)
YUV	190.7950, 20.8071, -47.1782
Hunter-Lab	75.6933, -19.1019, -14.0772

# Details

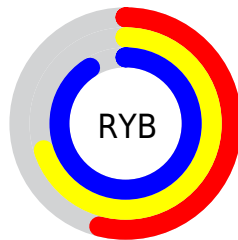
The Android color `4287222505` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4293501065`, and the grayscale version is `4290756543`.

A 20% lighter version of the original color is `4290969599`, and `4283538353` is the 20% darker color. If you saturate the color by 10%, you get `4285713641`, and if you desaturate by 10%, it is `4288731369`.

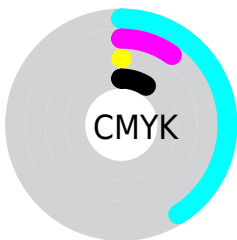
# Distribution



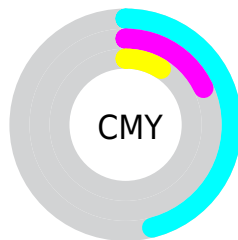
- Red (54%)
- Green (82%)
- Blue (91%)



- Red (54%)
- Yellow (70%)
- Blue (91%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (46%)
- Magenta (18%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287222505 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 4287222505 by changing the saturation by 10% instead.





4287222505



4287222505

4294967295



4285380301



4290969599



4283538353



4292870143



4281565591

4294836223



4278872189



4278210660



4278204748



4278199093



4278191136



4278190084

 4287222505

 4287222505

 4285713641


 4288731369

 4284139497

 4290305513

 4282630633

 4291814377

 4281122025

 4293322985

 4279547625

 4294831849

 4278235625

 4294964201

 4294965737

 4294967273

# Harmonies

## Analogous

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



4287092181



4287222505



4288662772

# Triad

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



4287222505



4293966034



4291545755

# Complementary

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



4287222505



4293501065

# 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.



4293051034



4287222505



4294490042

# Square

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



4287222505



4292656615



4294097830



4289777831

# Rectangle

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



4287222505



4290037749



4294097830



4292069529



# Sweetspot

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



4287222505



4292933887



4287228319



4285430656



4278190080



4286611584

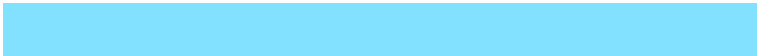


# Same Dimension

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



4287222505



4286767615



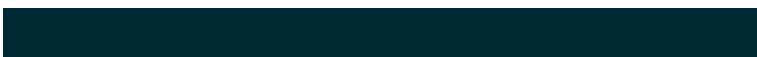
4287210473



4285166197



4278225589



4278200630



# Inverse Universe

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



4293495250



4294935265



4293513097



4285885042



4290052234

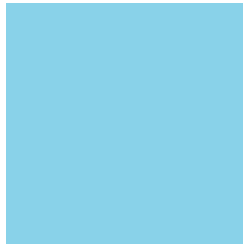


4281729065



# Previews

## White Background



This preview shows how the Android color 4287222505 looks on a white background.

## Color Contrast Check

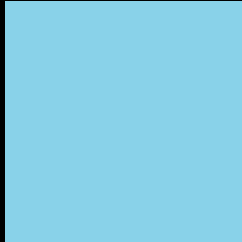
Large Text (above 18pt) WCAG AA × Fail

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 4287222505 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 4287222505 Background



This preview shows how black text looks on a background with the Android color 4287222505.



This preview shows how white text looks on a background with the Android color 4287222505.

# 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



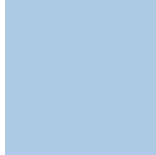


# Trichromacy



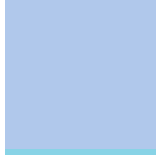
**Original Color**

4287222505



**Protanomaly**

4289579747



**Deuteranomaly**

4289775851



**Tritanomaly**

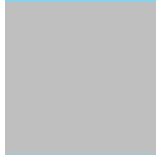
4287157222

# Monochromacy



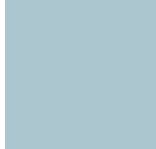
**Original Color**

4287222505



**Achromatopsia**

4290756543



**Achromatomaly**

4289447630

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287222505 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(137, 210, 233)` looks like.

```
.text, #text, p{  
    color:rgb(137, 210, 233)  
}
```

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(137, 210, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 210, 233) }
```

## Border

The CSS property to change the border of an element to Android 4287222505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

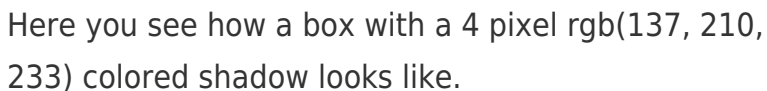
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 210, 233) }
```

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

```
.border{ border-color:rgb(137, 210, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 210, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 210, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 210, 233); box-shadow:4px 4px 4px 4px rgb(137, 210, 233) }
```

# Background

The CSS property to change the background color of an element to Android 4287222505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 210, 233) }
```

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

```
.background{ background-color: rgb(137,  
210, 233) }
```

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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