

# Converting Colors

Android(4286895582)

Have a look what the booklet for  
Android(4286895582) contains.

<b>Android(4286895582)</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(4286895582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84D5DE
RGB	132, 213, 222
RGB Percent	52%, 84%, 87%
CMY	0.4824, 0.1647, 0.1294
CMYK	0.41, 0.04, 0.00, 0.13
HSL	186°, 58%, 69%
HSV	186°, 41%, 87%
XYZ	46.4948, 57.7680, 77.8070
YIQ	189.8070, -51.1650, -14.3730

# Conversions

## Conversions Part 2

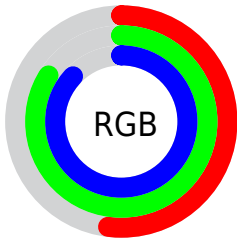
Format	Color
<a href="#">RYB</a>	<a href="#">132, 175, 222</a>
Decimal	<a href="#">8705502</a>
CIELab	<a href="#">80.61, -22.45, -12.24</a>
CIElCh	<a href="#">81, 25.573, 208.591</a>
Yxy	<a href="#">57.7680, 0.2554, 0.3173</a>
Android (android.graphics.Color)	<a href="#">4286895582</a> ( <a href="#">0xFF84D5DE</a> )
YUV	<a href="#">189.8070, 15.8711, -50.6967</a>
Hunter-Lab	<a href="#">76.0052, -23.8151, -7.4919</a>

# Details

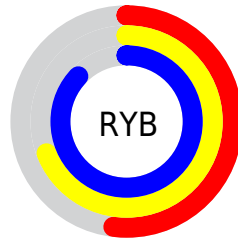
The Android color `4286895582` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292775300`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4290641919`, and `4283211431` is the 20% darker color. If you saturate the color by 10%, you get `4285453278`, and if you desaturate by 10%, it is `4288337886`.

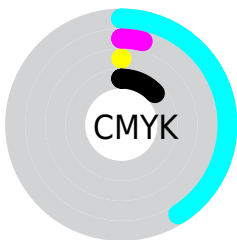
# Distribution



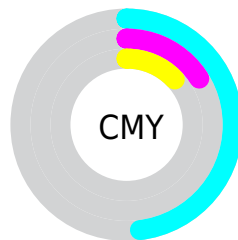
- Red (52%)
- Green (84%)
- Blue (87%)



- Red (52%)
- Yellow (69%)
- Blue (87%)



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (16%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286895582 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 4286895582 by changing the saturation by 10% instead.





4286895582



4286895582

4294967295



4285053378



4290641919



4283211431



4292542463



4281173133



4294443007



4278217331



4278211162



4278205251



4278199597



4278191385



4278190080

 4286895582

 4286895582

 4285453278

 4288337886

 4284010974

 4289780190

 4282502878

 4291288286

 4281060574

 4292730590

 4279618270

 4294172894

 4278241502

 4294959838

 4294960606

 4294961118

 4294961630

# Harmonies

## Analogous

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



4287616710



4286895582



4287549936

# Triad

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



4286895582



4293311457



4292593304

# Complementary

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



4286895582



4292775300

# 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.



4293901984



4286895582



4294358986

# Square

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



4286895582



4291543794



4294555826



4290891422

# Rectangle

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



4286895582



4288728566



4294555826



4293116826

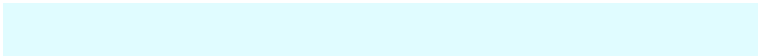


# Sweetspot

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



4286895582



4292934911



4286897805



4285431424



4278190080



4286611584



# Same Dimension

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



4286895582



4286772223



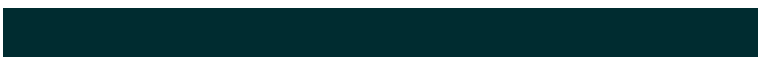
4286884062



4284837744



4278230704



4278201392



# Inverse Universe

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



4292773077



4294935283



4292786820



4285556079



4289724574

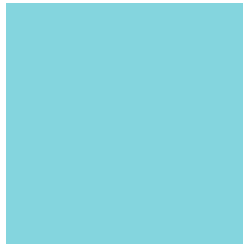


4281335852



# Previews

## White Background



This preview shows how the Android color 4286895582 looks on a white background.

## Color Contrast Check

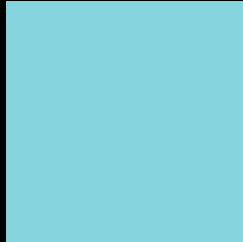
Large Text (above 18pt) WCAG AA × Fail

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 4286895582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

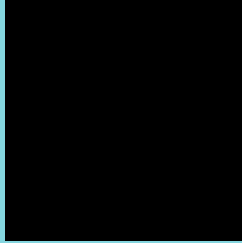
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286895582 Background



This preview shows how black text looks on a background with the Android color 4286895582.



This preview shows how white text looks on a background with the Android color 4286895582.

# 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





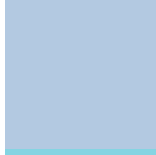
# Trichromacy



**Original Color**  
4286895582



**Protanomaly**  
4289711064



**Deuteranomaly**  
4289972705

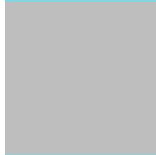


**Tritanomaly**  
4286960866

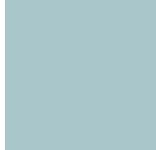
# Monochromacy



**Original Color**  
4286895582



**Achromatopsia**  
4290690750



**Achromatomaly**  
4289316554

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286895582 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(132, 213, 222)` looks like.

```
.text, #text, p{  
    color:rgb(132, 213, 222)  
}
```

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(132, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 213, 222) }
```

## Border

The CSS property to change the border of an element to Android 4286895582 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(132, 213, 222) }
```

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

```
.border{ border-color:rgb(132, 213, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 213, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(132, 213,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4286895582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 213, 222) }
```

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

```
.background{ background-color: rgb(132,  
213, 222) }
```

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