

# Converting Colors

Android(4286427556)

Have a look what the booklet for  
Android(4286427556) contains.

<b>Android(4286427556)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4286427556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DB1A4
RGB	125, 177, 164
RGB Percent	49%, 69%, 64%
CMY	0.5098, 0.3059, 0.3569
CMYK	0.29, 0.00, 0.07, 0.31
HSL	165°, 25%, 59%
HSV	165°, 29%, 69%
XYZ	30.8804, 38.4846, 40.9227
YIQ	159.9700, -26.8190, -15.0670

# Conversions

## Conversions Part 2

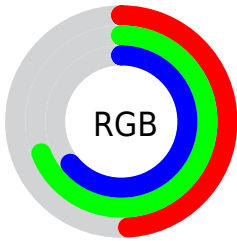
Format	Color
<a href="#">RYB</a>	<a href="#">125, 155, 177</a>
Decimal	<a href="#">8237476</a>
CIELab	<a href="#">68.38, -19.96, 1.14</a>
CIELCh	<a href="#">68, 19.993, 176.721</a>
Yxy	<a href="#">38.4846, 0.2800, 0.3489</a>
Android (android.graphics.Color)	<a href="#">4286427556 (0xFF7DB1A4)</a>
YUV	<a href="#">159.9700, 1.9868, -30.6687</a>
Hunter-Lab	<a href="#">62.0360, -19.7087, 4.3139</a>

# Details

The Android color `4286427556` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4289822090`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4289980891`, and `4283071600` is the 20% darker color. If you saturate the color by 10%, you get `4285247904`, and if you desaturate by 10%, it is `4287607208`.

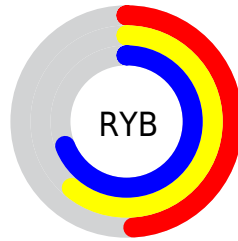
# Distribution



Red (49%)

Green (69%)

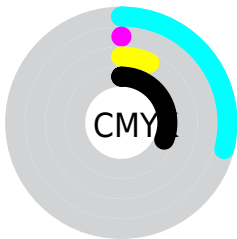
Blue (64%)



Red (49%)

Yellow (61%)

Blue (69%)

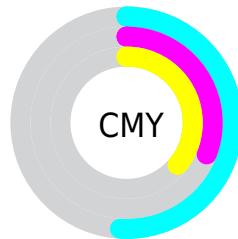


Cyan (29%)

Magenta (0%)

Yellow (7%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286427556 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 4286427556 by changing the saturation by 10% instead.





4286427556



4286427556

4294967295



4284716682



4289980891



4283071600



4291821559



4281426776



4293722111



4279716673



4278203435



4278198038



4278190080



4286427556



4286427556



4285247904




4287607208

 4284133787

 4288721325

 4282954135

 4289900977

 4281774482

 4291080630

 4280660366

 4292260282

 4279480713

 4293374399

 4278301061

 4294554051

 4278235525

 4294947271

 4294947276

# Harmonies

## Analogous

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



4287606674



4286427556



4285903286

# Triad

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



4286427556



4289176519



4291141513

# Complementary

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



4286427556



4289822090

# 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.



4291599255



4286427556



4290551227

# Square

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



4286427556



4287605194



4291402409



4290225539

# Rectangle

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



4286427556



4286099392



4291402409



4291337613



# Sweetspot

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



4286427556



4291946208



4287279485



4284904304



4294111986



4285756275



# Same Dimension

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



4286427556



4288014033



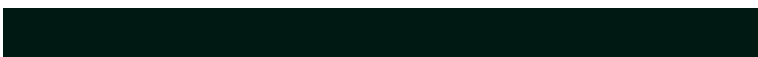
4286424241



4283455831



4278229363



4278196755



# Inverse Universe

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



4289822090



4293301673



4289825405



4284043347



4288217126



4279894022



# Previews

## White Background



This preview shows how the Android color 4286427556 looks on a white background.

## Color Contrast Check

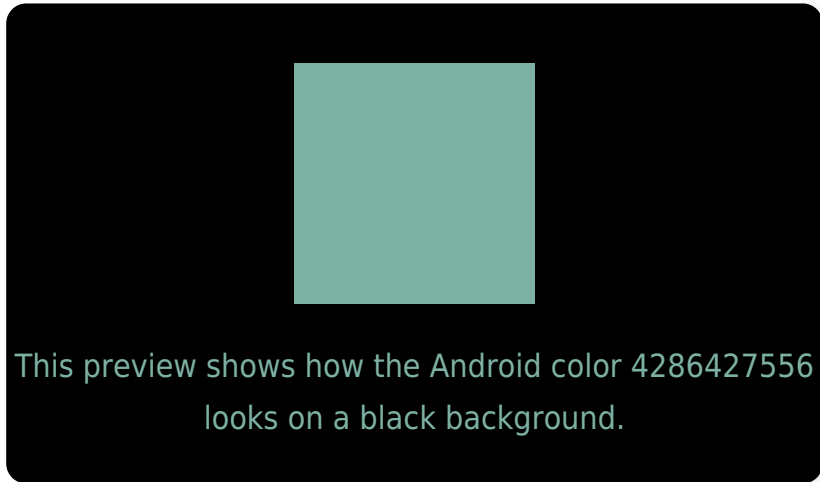
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

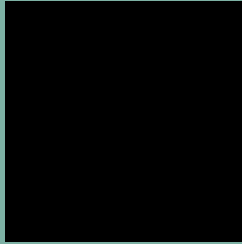
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286427556 Background



This preview shows how black text looks on a background with the Android color 4286427556.

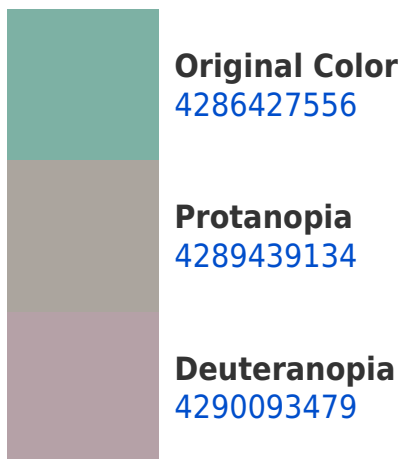


This preview shows how white text looks on a background with the Android color 4286427556.

# 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



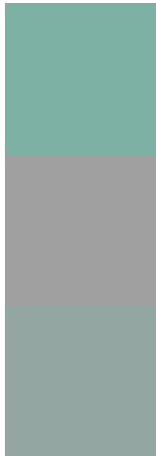
**Original Color**  
4286427556

**Protanomaly**  
4288326048

**Deuteranomaly**  
4288784294

**Tritanomaly**  
4286623667

# Monochromacy



**Original Color**  
4286427556

**Achromatopsia**  
4288716960

**Achromatomaly**  
4287866529

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286427556 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(125, 177, 164)` looks like.

```
.text, #text, p{  
    color:rgb(125, 177, 164)  
}
```

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(125, 177, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 177, 164) }
```

## Border

The CSS property to change the border of an element to Android 4286427556 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(125, 177, 164) }
```

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

```
.border{ border-color:rgb(125, 177, 164) }
```

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

Here you see how a box with a 4 pixel rgb(125, 177, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 177, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 177, 164);  
box-shadow:4px 4px 4px 4px rgb(125, 177,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4286427556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 177, 164) }
```

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

```
.background{ background-color: rgb(125,  
177, 164) }
```

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