

# Converting Colors

Android(4286100653)

Have a look what the booklet for  
Android(4286100653) contains.

<b>Android(4286100653)</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(4286100653)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78B4AD
RGB	120, 180, 173
RGB Percent	47%, 71%, 68%
CMY	0.5294, 0.2941, 0.3216
CMYK	0.33, 0.00, 0.04, 0.29
HSL	173°, 29%, 59%
HSV	173°, 33%, 71%
XYZ	31.6098, 39.6527, 45.5229
YIQ	161.2620, -33.5130, -14.8970

# Conversions

## Conversions Part 2

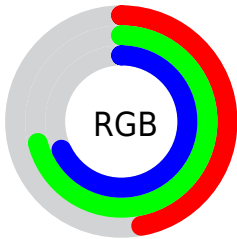
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 152, 180</a>
Decimal	<a href="#">7910573</a>
CIELab	<a href="#">69.22, -20.92, -2.62</a>
CIElCh	<a href="#">69, 21.081, 187.130</a>
Yxy	<a href="#">39.6527, 0.2707, 0.3395</a>
Android (android.graphics.Color)	<a href="#">4286100653 (0xFF78B4AD)</a>
YUV	<a href="#">161.2620, 5.7868, -36.1868</a>
Hunter-Lab	<a href="#">62.9704, -20.5950, 1.2170</a>

# Details

The Android color `4286100653` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4290017407`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4289653988`, and `4282679161` is the 20% darker color. If you saturate the color by 10%, you get `4284921003`, and if you desaturate by 10%, it is `4287280303`.

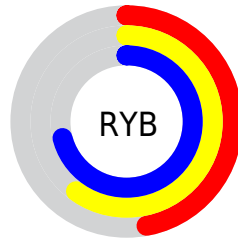
# Distribution



Red (47%)

Green (71%)

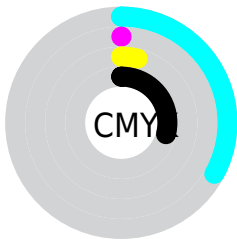
Blue (68%)



Red (47%)

Yellow (60%)

Blue (71%)

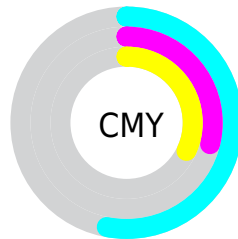


Cyan (33%)

Magenta (0%)

Yellow (4%)

Black (29%)



Cyan (53%)

Magenta (29%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286100653 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 4286100653 by changing the saturation by 10% instead.





4286100653



4286100653

4294967295



4284389778



4289653988



4282679161



4291493887



4280968800



4293394431



4278931016



4278203954



4278198557



4278190083



4278190080



4286100653



4286100653

 4284921003

 4287280303

 4283741353

 4288459953

 4282561703

 4289639603

 4281382053

 4290819253

 4280202403

 4291998904

 4279022752

 4293178554

 4278236319

 4294358204

 4294948030

 4294948032

# Harmonies

## Analogous

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



4287148954



4286100653



4285838271

# Triad

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



4286100653



4289897415



4291076998

# Complementary

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



4286100653



4290017407

# 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.



4291796627



4286100653



4291206584

# Square

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



4286100653



4288260559



4291861413



4289964419

# Rectangle

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



4286100653



4286296520



4291861413



4291404170



# Sweetspot

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



4286100653



4292078568



4286559352



4284970356



4294309365



4285887861



# Same Dimension

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



4286100653



4287491040



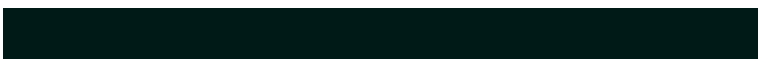
4286094772



4283455832



4278229383



4278196759



# Inverse Universe

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



4290017407



4293627288



4290023288



4284043345



4288217106



4279894019



# Previews

## White Background



This preview shows how the Android color 4286100653 looks on a white background.

## Color Contrast Check

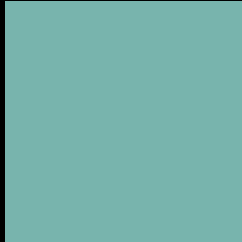
Large Text (above 18pt) WCAG AA × Fail

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 4286100653 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 4286100653 Background



This preview shows how black text looks on a background with the Android color 4286100653.

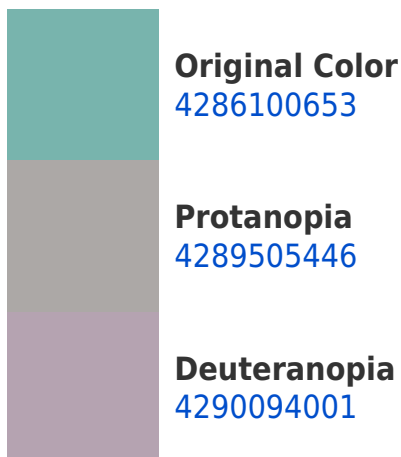


This preview shows how white text looks on a background with the Android color 4286100653.

# 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**

4286100653

**Protanomaly**

4288261289

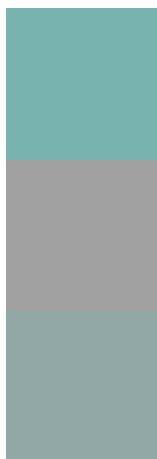
**Deuteranomaly**

4288653744

**Tritanomaly**

4286296760

# Monochromacy



**Original Color**

4286100653

**Achromatopsia**

4288782753

**Achromatomaly**

4287801509

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286100653 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(120, 180, 173)` looks like.

```
.text, #text, p{  
    color:rgb(120, 180, 173)  
}
```

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(120, 180, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 180, 173) }
```

## Border

The CSS property to change the border of an element to Android 4286100653 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(120, 180, 173) }
```

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

```
.border{ border-color:rgb(120, 180, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 180, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 180, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 180, 173);  
box-shadow:4px 4px 4px 4px rgb(120, 180,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4286100653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 180, 173) }
```

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

```
.background{ background-color: rgb(120,  
180, 173) }
```

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