

# Converting Colors

Android(4286100638)

Have a look what the booklet for  
Android(4286100638) contains.

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# **Color**

**Android(4286100638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78B49E
RGB	120, 180, 158
RGB Percent	47%, 71%, 62%
CMY	0.5294, 0.2941, 0.3804
CMYK	0.33, 0.00, 0.12, 0.29
HSL	158°, 29%, 59%
HSV	158°, 33%, 71%
XYZ	30.2385, 39.1042, 38.3019
YIQ	159.5520, -28.6980, -19.5620

# Conversions

## Conversions Part 2

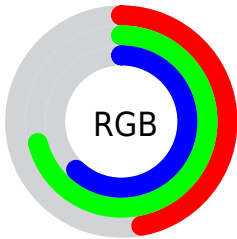
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 157, 180
Decimal	7910558
CIELab	68.83, -24.30, 5.07
CIELCh	69, 24.823, 168.216
Yxy	39.1042, 0.2809, 0.3633
Android (android.graphics.Color)	4286100638 (0xFF78B49E)
YUV	159.5520, -0.7651, -34.6871
Hunter-Lab	62.5334, -23.1182, 7.4580

# Details

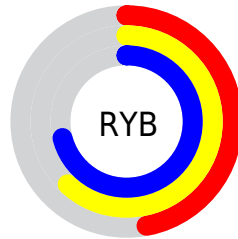
The Android color `4286100638` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4290017422`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4289653973`, and `4282679147` is the 20% darker color. If you saturate the color by 10%, you get `4284920983`, and if you desaturate by 10%, it is `4287280293`.

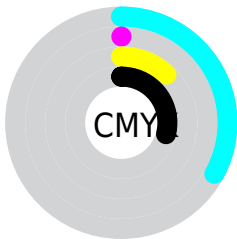
# Distribution



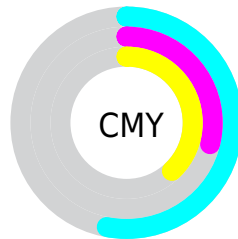
- Red (47%)
- Green (71%)
- Blue (62%)



- Red (47%)
- Yellow (62%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286100638 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 4286100638 by changing the saturation by 10% instead.



 4286100638

 4286100638

4294967295

 4284389764

 4289653973

 4282679147

 4291493873

 4281034323

 4293394431

 4279127355

 4278203942

 4278198545

 4278190080

 4286100638

 4286100638

 4284920983

 4287280293

 4283741329

 4288459947

 4282561674

 4289639602

 4281382020

 4290819256

 4280202365

 4291998911

 4279022710

 4293178566

 4278236274

 4294358220

 4294948051

 4294948057

# Harmonies

## Analogous

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



4287738249



4286100638



4285052341

# Triad

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



4286100638



4288718290



4291861639

# Complementary

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



4286100638



4290017422

# 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.



4292253851



4286100638



4290551494

# Square

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



4286100638



4286623187



4291795378



4290880380

# Rectangle

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



4286100638



4284986307



4291795378



4292057741



# Sweetspot

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



4286100638



4292078562



4287542392



4284970352



4294309365



4285887861



# Same Dimension

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



4286100638



4287491016



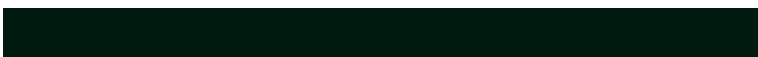
4286098612



4283455830



4278229345



4278196752



# Inverse Universe

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



4290017422



4293627311



4290019448



4284043348



4288217144



4279894025



# Previews

## White Background



This preview shows how the Android color 4286100638 looks on a white background.

## Color Contrast Check

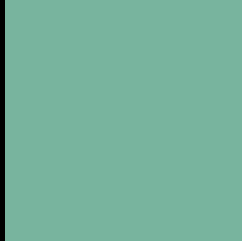
Large Text (above 18pt) WCAG AA × Fail

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 4286100638 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

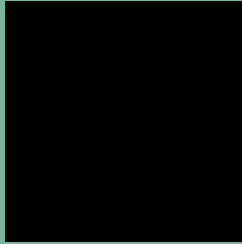
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286100638 Background



This preview shows how black text looks on a background with the Android color 4286100638.



This preview shows how white text looks on a background with the Android color 4286100638.

# 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**  
4286100638

**Protanomaly**  
4288326810

**Deuteranomaly**  
4288784801

**Tritanomaly**  
4286362034

# Monochromacy



**Original Color**  
4286100638

**Achromatopsia**  
4288716960

**Achromatomaly**  
4287735711

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286100638 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(120, 180, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 180, 158) }
```

## Border

The CSS property to change the border of an element to Android 4286100638 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, 158) }
```

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

```
.border{ border-color:rgb(120, 180, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 180, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 180, 158); box-shadow:4px 4px 4px 4px rgb(120, 180, 158) }
```

# Background

The CSS property to change the background color of an element to Android 4286100638 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, 158) }
```

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

```
.background{ background-color: rgb(120,  
180, 158) }
```

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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