

# Converting Colors

Android(4286100620)

Have a look what the booklet for  
Android(4286100620) contains.

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# **Color**

**Android(4286100620)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78B48C
RGB	120, 180, 140
RGB Percent	47%, 71%, 55%
CMY	0.5294, 0.2941, 0.4510
CMYK	0.33, 0.00, 0.22, 0.29
HSL	140°, 29%, 59%
HSV	140°, 33%, 71%
XYZ	28.8006, 38.5290, 30.7298
YIQ	157.5000, -22.9200, -25.1600

# Conversions

## Conversions Part 2

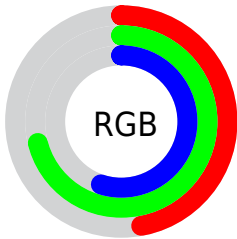
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 165, 180
Decimal	7910540
CIELab	68.41, -28.00, 14.34
CIElCh	68, 31.457, 152.873
Yxy	38.5290, 0.2937, 0.3929
Android (android.graphics.Color)	4286100620 (0xFF78B48C)
YUV	157.5000, -8.6275, -32.8875
Hunter-Lab	62.0718, -25.8036, 14.0976

# Details

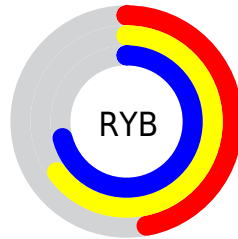
The Android color `4286100620` is a dark color, and the websafe version is hex `99CC99`. A complement of this color would be `4290017440`, and the grayscale version is `4288585374`.

A 20% lighter version of the original color is `4289653954`, and `4282744666` is the 20% darker color. If you saturate the color by 10%, you get `4284920960`, and if you desaturate by 10%, it is `4287280280`.

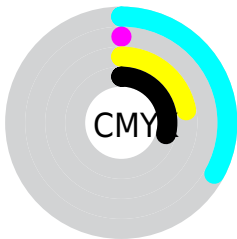
# Distribution



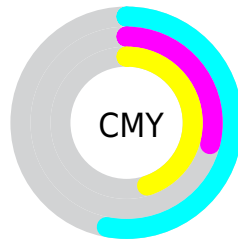
- Red (47%)
- Green (71%)
- Blue (55%)



- Red (47%)
- Yellow (65%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (22%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286100620 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 4286100620 by changing the saturation by 10% instead.



 4286100620

 4286100620

4294967295

 4284389746

 4289653954

 4282744666

 4291493854

 4281034306

 4293328890

 4279192876

 4278203927

 4278198528

 4278190080

 4286100620

 4286100620

 4284920960

 4287280280

 4283741300

 4288459940


 4282561640

 4289639600

 4281381980

 4290819260

 4280202320

 4291998920

 4279022660

 4293178580

 4278236220

 4294358240

 4294948076

 4294948088

# Harmonies

## Analogous

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



4288261750



4286100620



4284004009

# Triad

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



4286100620



4286949855



4292777097

# Complementary

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



4286100620



4290017440

# 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.



4292776357



4286100620



4289634007

# Square

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



4286100620



4284199385



4291663297



4291861621

# Rectangle

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



4286100620



4283020988



4291663297



4292842130



# Sweetspot

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



4286100620



4292078555



4288722040



4284970348



4294309365



4285887861



# Same Dimension

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



4286100620



4287490988



4286100650



4283455827



4278229299



4278196745



# Inverse Universe

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



4290017440



4293627339



4290017410



4284043350



4288217190



4279894033



# Previews

## White Background



This preview shows how the Android color 4286100620 looks on a white background.

## Color Contrast Check

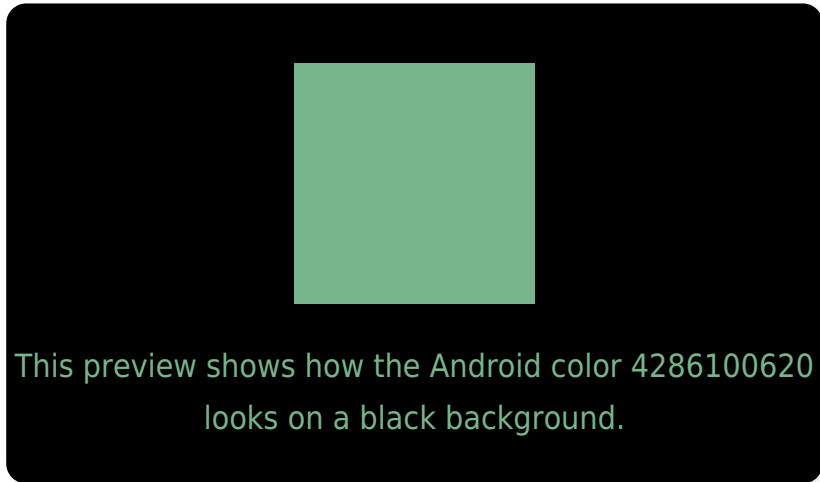
Large Text (above 18pt) WCAG AA × Fail

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 4286100620 Background



This preview shows how black text looks on a background with the Android color 4286100620.



This preview shows how white text looks on a background with the Android color 4286100620.

# 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**  
4286100620

**Protanomaly**  
4288457608

**Deuteranomaly**  
4289046415

**Tritanomaly**  
4286492843

# Monochromacy



**Original Color**  
4286100620

**Achromatopsia**  
4288585374

**Achromatomaly**  
4287669911

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286100620 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(120, 180, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 180, 140) }
```

## Border

The CSS property to change the border of an element to Android 4286100620 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, 140) }
```

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

```
.border{ border-color:rgb(120, 180, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 180, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 180, 140);  
box-shadow:4px 4px 4px 4px rgb(120, 180,  
140) }
```

# Background

The CSS property to change the background color of an element to Android 4286100620 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, 140) }
```

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

```
.background{ background-color: rgb(120,  
180, 140) }
```

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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