

Converting Colors

Android(4286952824)

Have a look what the booklet for
Android(4286952824) contains.

Android(4286952824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4286952824)

Conversions

Conversions Part 1

Format	Color
Hex	85B578
RGB	133, 181, 120
RGB Percent	52%, 71%, 47%
CMY	0.4784, 0.2902, 0.5294
CMYK	0.27, 0.00, 0.34, 0.29
HSL	107°, 29%, 59%
HSV	107°, 34%, 71%
XYZ	29.5869, 39.3904, 23.8130
YIQ	159.6940, -9.0270, -29.1470

Conversions

Conversions Part 2

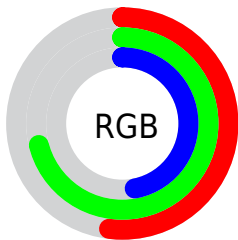
Format	Color
RYB	120, 181, 168
Decimal	8762744
CIELab	69.03, -27.66, 26.11
CIElCh	69, 38.037, 136.650
Yxy	39.3904, 0.3189, 0.4245
Android (android.graphics.Color)	4286952824 (0xFF85B578)
YUV	159.6940, -19.5691, -23.4106
Hunter-Lab	62.7617, -25.6852, 21.4375

Details

The Android color `4286952824` is a dark color, and the websafe version is hex `99CC99`. A complement of this color would be `4289231029`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4290506157`, and `4283596871` is the 20% darker color. If you saturate the color by 10%, you get `4286035302`, and if you desaturate by 10%, it is `4287870346`.

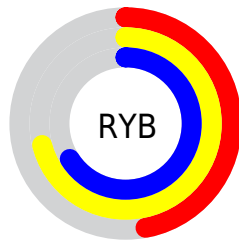
Distribution



Red (52%)

Green (71%)

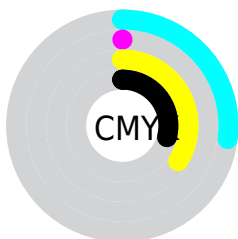
Blue (47%)



Red (47%)

Yellow (71%)

Blue (66%)

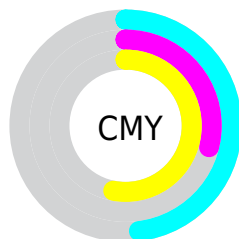


Cyan (27%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (48%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286952824 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 4286952824 by changing the saturation by 10% instead.

 4286952824

 4286952824

4294967295

 4285241951

 4290506157

 4283596871

 4292345800

 4281952047

 4294246372

 4280307225

 4278531840

 4278198784

 4278190080

 4286952824

 4286952824

 4286035302

 4287870346

 4285117780

 4288787868


 4284134722

 4289770926

 4283217200

 4290688448

 4282299677

 4291605971

 4281382155

 4292523493

 4280792320

 4293506551

 4294424063

 4294948351

Harmonies

Analogous

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



4289506405



4286952824



4284005015

Triad

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



4286952824



4284133611



4293693078

Complementary

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



4286952824



4289231029

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.



4293038009



4286952824



4288062954

Square

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



4286952824



4279613658



4291074520



4293105016

Rectangle

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



4286952824



4281711535



4291074520



4293627298

Sweetspot

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



4286952824



4292406227



4290095224



4285166951



4294309365



4285887861

Same Dimension

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



4286952824



4288801677



4286100873



4283586896



4280391936



4278524416

Inverse Universe

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



4289231029



4292316651



4290082980



4283912281



4286054553



4279500826

Previews

White Background



This preview shows how the Android color 4286952824 looks on a white background.

Color Contrast Check

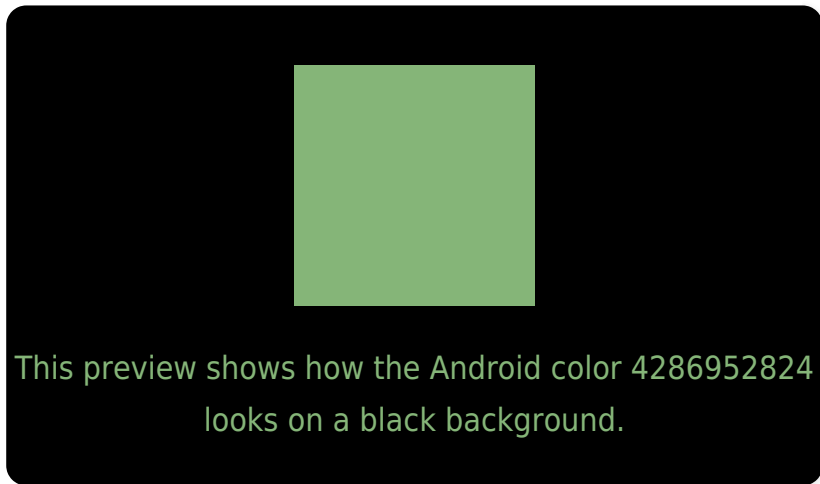
Large Text (above 18pt) WCAG AA × Fail

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 4286952824 Background



This preview shows how black text looks on a background with the Android color 4286952824.



This preview shows how white text looks on a background with the Android color 4286952824.

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



Original Color
4286952824

Protanopia
4290160754

Deuteranopia
4291207548



Tritanopia
4287671739

Trichromacy



Original Color
4286952824

Protanomaly
4288982388

Deuteranomaly
4289636475

Tritanomaly
4287410339

Monochromacy



Original Color
4286952824

Achromatopsia
4288716960

Achromatomaly
4288063633

CSS Examples

Text

The CSS property to change the color of the text to Android 4286952824 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(133, 181, 120)` looks like.

```
.text, #text, p{  
    color:rgb(133, 181, 120)  
}
```

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(133, 181, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 181, 120) }
```

Border

The CSS property to change the border of an element to Android 4286952824 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(133, 181, 120) }
```

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

```
.border{ border-color:rgb(133, 181, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 181, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 181, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 181, 120);  
box-shadow:4px 4px 4px 4px rgb(133, 181,  
120) }
```

Background

The CSS property to change the background color of an element to Android 4286952824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 181, 120) }
```

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

```
.background{ background-color: rgb(133,  
181, 120) }
```

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