

Converting Colors

Android(4286496933)

Have a look what the booklet for
Android(4286496933) contains.

| | |
|--|----|
| Android(4286496933) | 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(4286496933)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EC0A5 |
| RGB | 126, 192, 165 |
| RGB Percent | 49%, 75%, 65% |
| CMY | 0.5059, 0.2471, 0.3529 |
| CMYK | 0.34, 0.00, 0.14, 0.25 |
| HSL | 155°, 34%, 62% |
| HSV | 155°, 34%, 75% |
| XYZ | 34.2454, 44.8515, 42.4496 |
| YIQ | 169.1880, -30.6690, -22.3890 |

Conversions

Conversions Part 2

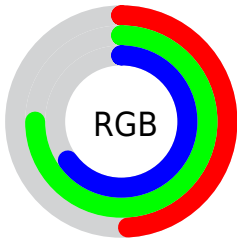
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 126, 167, 192 |
| Decimal | 8306853 |
| CIELab | 72.79, -26.94, 6.99 |
| CIELCh | 73, 27.836, 165.463 |
| Yxy | 44.8515, 0.2817, 0.3690 |
| Android (android.graphics.Color) | 4286496933 (0xFF7EC0A5) |
| YUV | 169.1880, -2.0647, -37.8759 |
| Hunter-Lab | 66.9713, -25.9248, 9.2990 |

Details

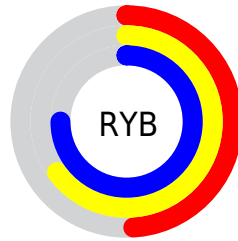
The Android color `4286496933` is a light color, and the websafe version is hex `99CC99`. A complement of this color would be `4290805401`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4290116060`, and `4283075185` is the 20% darker color. If you saturate the color by 10%, you get `4285251741`, and if you desaturate by 10%, it is `4287742125`.

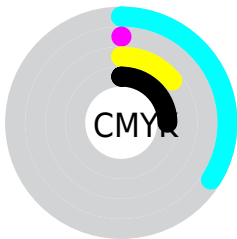
Distribution



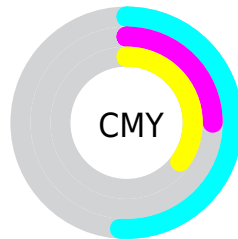
- Red (49%)
- Green (75%)
- Blue (65%)



- Red (49%)
- Yellow (65%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (51%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286496933 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 4286496933 by changing the saturation by 10% instead.

 4286496933

 4286496933

4294967295

 4284786059

 4290116060

 4283075185

 4291952633

 4281364569

 4293853183

 4279457857

 4278206507

 4278200599

 4278194432

 4278190080

 4286496933

 4286496933

 4285251741

 4287742125


 4284006549

 4288987317

 4282695821

 4290298045

 4281450630

 4291543236

 4280205438

 4292788428

 4278960246

 4294033620

 4278239345

 4294951132

 4294951140

 4294951148

Harmonies

Analogous

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



4288396430



4286496933



4285120959

Triad

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



4286496933



4289048803



4292978063

Complementary

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



4286496933



4290805401

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.



4293304486



4286496933



4291274967

Square

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



4286496933



4286757347



4292714944



4291865986

Rectangle

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



4286496933



4284924111



4292714944



4293174166

Sweetspot

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



4286496933



4292999920



4288331902



4285431159



4294769916



4286414205

Same Dimension

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



4286496933



4287888080



4286495680



4283916637



4278231391



4278198548

Inverse Universe

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



4290805401



4294611901



4290806910



4284569435



4288741442



4280352782

Previews

White Background



This preview shows how the Android color 4286496933 looks on a white background.

Color Contrast Check

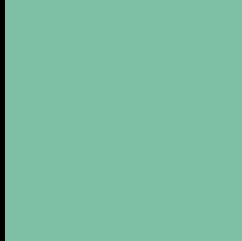
Large Text (above 18pt) WCAG AA × Fail

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 4286496933 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 4286496933 Background



This preview shows how black text looks on a background with the Android color 4286496933.



This preview shows how white text looks on a background with the Android color 4286496933.

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



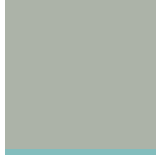
Original Color

4286496933



Protanomaly

4288984736



Deuteranomaly

4289508264



Tritanomaly

4286823869

Monochromacy



Original Color

4286496933



Achromatopsia

4289309097



Achromatomaly

4288262568

CSS Examples

Text

The CSS property to change the color of the text to Android 4286496933 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(126, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(126, 192, 165)  
}
```

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(126, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 192, 165) }
```

Border

The CSS property to change the border of an element to Android 4286496933 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(126, 192, 165) }
```

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

```
.border{ border-color:rgb(126, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 192, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 192, 165); box-shadow:4px 4px 4px 4px rgb(126, 192, 165) }
```

Background

The CSS property to change the background color of an element to Android 4286496933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 192, 165) }
```

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

```
.background{ background-color: rgb(126,  
192, 165) }
```

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