

Converting Colors

Android(4284989095)

Have a look what the booklet for
Android(4284989095) contains.

Android(4284989095)	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(4284989095)

Conversions

Conversions Part 1

Format	Color
Hex	67BEA7
RGB	103, 190, 167
RGB Percent	40%, 75%, 65%
CMY	0.5961, 0.2549, 0.3451
CMYK	0.46, 0.00, 0.12, 0.25
HSL	164°, 40%, 57%
HSV	164°, 46%, 75%
XYZ	30.9820, 42.5005, 43.1297
YIQ	161.3650, -44.4690, -25.5970

Conversions

Conversions Part 2

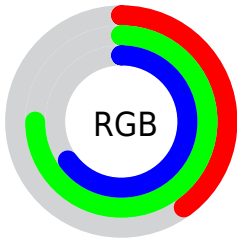
Format	Color
RYB	103, 153, 190
Decimal	6799015
CIELab	71.21, -31.82, 3.49
CIELCh	71, 32.008, 173.744
Yxy	42.5005, 0.2657, 0.3645
Android (android.graphics.Color)	4284989095 (0xFF67BEA7)
YUV	161.3650, 2.7781, -51.1861
Hunter-Lab	65.1924, -29.2564, 6.4099

Details

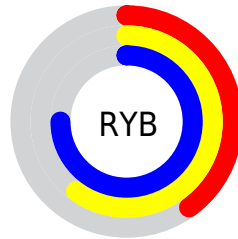
The Android color `4284989095` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290668414`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4288673758`, and `4281239667` is the 20% darker color. If you saturate the color by 10%, you get `4283743906`, and if you desaturate by 10%, it is `4286234284`.

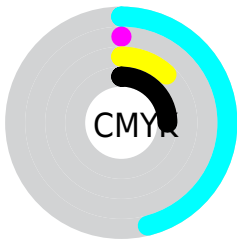
Distribution



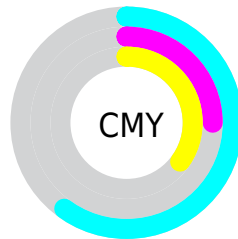
- Red (40%)
- Green (75%)
- Blue (65%)



- Red (40%)
- Yellow (60%)
- Blue (75%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284989095 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 4284989095 by changing the saturation by 10% instead.



4284989095



4284989095

4294967295



4283147149



4288673758



4281239667



4290510843



4278480475



4292411391



4278211907



4294311935



4278205997



4278200344



4278192128



4278190080



4284989095




4284989095

 4283743906

 4286234284

 4282498717

 4287479473


 4281253528

 4288724662

 4280008339

 4289969851

 4278763150

 4291215040

 4278238860

 4292460229

 4293705418

 4294950607

 4294950612

Harmonies

Analogous

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



4287216267



4284989095



4283416261

Triad

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



4284989095



4289374692



4292780416

Complementary

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



4284989095



4290668414

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.



4293434008



4284989095



4291731409

Square

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



4284989095



4286493672



4293106102



4291340916

Rectangle

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



4284989095



4283481302



4293106102



4293107335

Sweetspot

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



4284989095



4292212718



4286496359



4285037943



4294769916



4286414205

Same Dimension

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



4284989095



4285528019



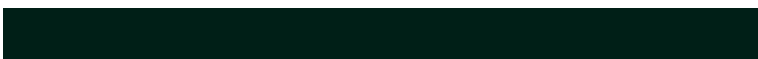
4284983998



4283784796



4278230644



4278198039

Inverse Universe

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



4290668414



4294406035



4290673511



4284372311



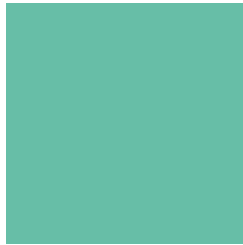
4288544810



4280221704

Previews

White Background



This preview shows how the Android color 4284989095 looks on a white background.

Color Contrast Check

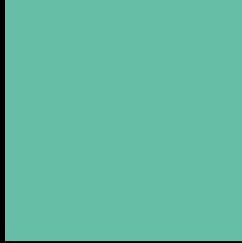
Large Text (above 18pt) WCAG AA × Fail

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 4284989095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

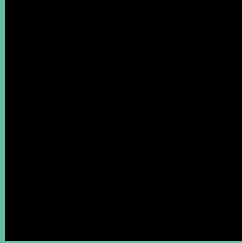
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

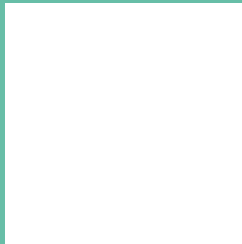
Any Text WCAG AAA ✓ Pass

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

Android 4284989095 Background



This preview shows how black text looks on a background with the Android color 4284989095.



This preview shows how white text looks on a background with the Android color 4284989095.

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

4284989095



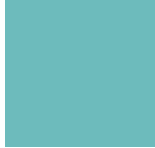
Protanomaly

4288197537



Deuteranomaly

4288655530



Tritanomaly

4285381564

Monochromacy



Original Color

4284989095



Achromatopsia

4288782753



Achromatomaly

4287409315

CSS Examples

Text

The CSS property to change the color of the text to Android 4284989095 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(103, 190, 167)` looks like.

```
.text, #text, p{  
    color:rgb(103, 190, 167)  
}
```

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(103, 190, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 190, 167) }
```

Border

The CSS property to change the border of an element to Android 4284989095 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(103, 190, 167) }
```

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

```
.border{ border-color:rgb(103, 190, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 190, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 190, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 190, 167); box-shadow:4px 4px 4px 4px rgb(103, 190, 167) }
```

Background

The CSS property to change the background color of an element to Android 4284989095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 190, 167) }
```

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

```
.background{ background-color: rgb(103,  
190, 167) }
```

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