

Converting Colors

Android(4284274364)

Have a look what the booklet for
Android(4284274364) contains.

Android(4284274364)	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(4284274364)

Conversions

Conversions Part 1

Format	Color
Hex	5CD6BC
RGB	92, 214, 188
RGB Percent	36%, 84%, 74%
CMY	0.6392, 0.1608, 0.2627
CMYK	0.57, 0.00, 0.12, 0.16
HSL	167°, 60%, 60%
HSV	167°, 57%, 84%
XYZ	37.5373, 53.9993, 56.0214
YIQ	174.5580, -64.3660, -33.9500

Conversions

Conversions Part 2

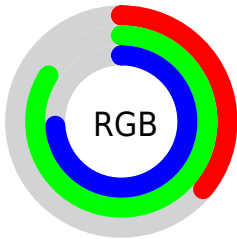
Format	Color
RYB	92, 160, 214
Decimal	6084284
CIELab	78.46, -40.32, 2.60
CIELCh	78, 40.404, 176.306
Yxy	53.9993, 0.2544, 0.3660
Android (android.graphics.Color)	4284274364 (0xFF5CD6BC)
YUV	174.5580, 6.6269, -72.4034
Hunter-Lab	73.4842, -37.4158, 6.2386

Details

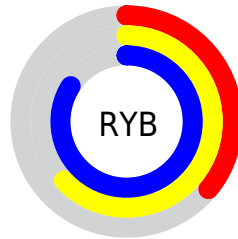
The Android color `4284274364` is a light color, and the websafe version is hex `66CC99`. The color can be described as light muted spring green. A complement of this color would be `4292238454`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4288217076`, and `4278886279` is the 20% darker color. If you saturate the color by 10%, you get `4282898103`, and if you desaturate by 10%, it is `4285650625`.

Distribution



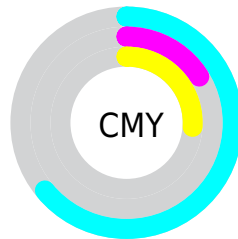
- Red (36%)
- Green (84%)
- Blue (74%)



- Red (36%)
- Yellow (63%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284274364 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 4284274364 by changing the saturation by 10% instead.

 4284274364

 4284274364

4294967295

 4282104481

 4288217076

 4278886279

 4290117631

 4278223982

 4292083711

 4278217301

 4294049791

 4278210878

 4278204712

 4278199316

 4278190080

 4284274364

 4284274364

 4282898103

 4285650625

 4281456307

 4287092421

 4280080046

 4288468682

 4278638250

 4289910478

 4278245032

 4291286739

 4292662999

 4294104796

 4294956768

 4294956773

Harmonies

Analogous

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



4287484567



4284274364



4281194210

Triad

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



4284274364



4290820863



4294750597

Complementary

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



4284274364



4292238454

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.



4294944675



4284274364



4293766636

Square

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



4284274364



4286892031



4294944200



4292853367

Rectangle

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



4284274364



4281586679



4294944200



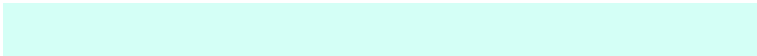
4294946189

Sweetspot

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



4284274364



4292149238



4285978204



4284907642



4278190080



4286611584

Same Dimension

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



4284274364



4283629530



4284265430



4284509033



4278233990



4278201122

Inverse Universe

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



4292238454



4294922871



4292247388



4285227107



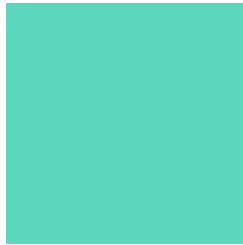
4289396772



4281008137

Previews

White Background



This preview shows how the Android color 4284274364 looks on a white background.

Color Contrast Check

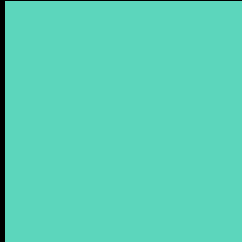
Large Text (above 18pt) WCAG AA × Fail

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 4284274364 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

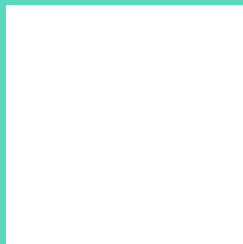
Any Text WCAG AAA ✓ Pass

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

Android 4284274364 Background



This preview shows how black text looks on a background with the Android color 4284274364.

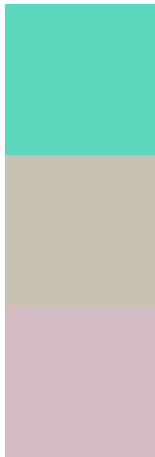


This preview shows how white text looks on a background with the Android color 4284274364.

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
4284274364

Protanopia
4291346608

Deuteranopia
4292066242

Trichromacy



Original Color

4284274364



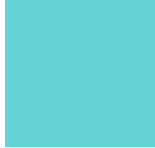
Protanomaly

4288792756



Deuteranomaly

4289250752



Tritanomaly

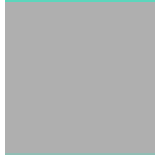
4284797908

Monochromacy



Original Color

4284274364



Achromatopsia

4289703855



Achromatomaly

4287741364

CSS Examples

Text

The CSS property to change the color of the text to Android 4284274364 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(92, 214, 188)` looks like.

```
.text, #text, p{  
    color:rgb(92, 214, 188)  
}
```

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(92, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 214, 188) }
```

Border

The CSS property to change the border of an element to Android 4284274364 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(92, 214, 188) }
```

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

```
.border{ border-color:rgb(92, 214, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 214, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 214, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 214, 188);  
box-shadow:4px 4px 4px 4px rgb(92, 214,  
188) }
```

Background

The CSS property to change the background color of an element to Android 4284274364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 214, 188) }
```

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

```
.background{ background-color: rgb(92, 214,  
188) }
```

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