

Converting Colors

Android(4284204732)

Have a look what the booklet for
Android(4284204732) contains.

Android(4284204732)	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(4284204732)

Conversions

Conversions Part 1

Format	Color
Hex	5BC6BC
RGB	91, 198, 188
RGB Percent	36%, 78%, 74%
CMY	0.6431, 0.2235, 0.2627
CMYK	0.54, 0.00, 0.05, 0.22
HSL	174°, 48%, 57%
HSV	174°, 54%, 78%
XYZ	33.5856, 46.2432, 54.7326
YIQ	164.8670, -60.5620, -25.7940

Conversions

Conversions Part 2

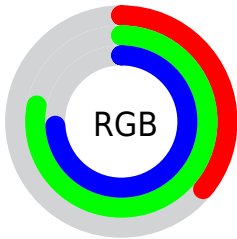
Format	Color
RYB	91, 147, 198
Decimal	6014652
CIELab	73.70, -33.16, -4.36
CIELCh	74, 33.449, 187.493
Yxy	46.2432, 0.2496, 0.3437
Android (android.graphics.Color)	4284204732 (0xFF5BC6BC)
YUV	164.8670, 11.4046, -64.7814
Hunter-Lab	68.0023, -30.8449, -0.1188

Details

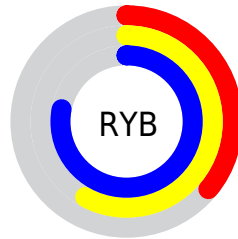
The Android color `4284204732` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted spring green. A complement of this color would be `4291189605`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4288020468`, and `4279406727` is the 20% darker color. If you saturate the color by 10%, you get `4282894010`, and if you desaturate by 10%, it is `4285515454`.

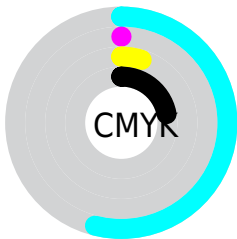
Distribution



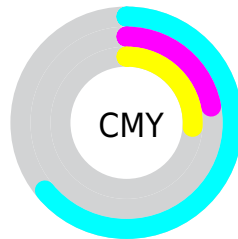
- Red (36%)
- Green (78%)
- Blue (74%)



- Red (36%)
- Yellow (58%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284204732 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 4284204732 by changing the saturation by 10% instead.



4284204732



4284204732

4294967295



4282165921



4288020468



4279406727



4289986559



4278220398



4291887103



4278213717



4293853183



4278207550



4278201640



4278195732



4278190080




4284204732



4284204732

 4282894010

 4285515454

 4281583288

 4286826176

 4280338102

 4288071362

 4279027381

 4289382083

 4278240947

 4290692805

 4292003527

 4293314249

 4294559435

 4294952653

Harmonies

Analogous

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



4286432413



4284204732



4283352281

Triad

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



4284204732



4291013350



4292782973

Complementary

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



4284204732



4291189605

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.



4293894801



4284204732



4293042637

Square

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



4284204732



4288198130



4294024878



4291016312

Rectangle

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



4284204732



4284334568



4294024878



4293240962

Sweetspot

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



4284204732



4292280315



4284925531



4284973181



4278190080



4286611584

Same Dimension

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



4284204732



4284088304



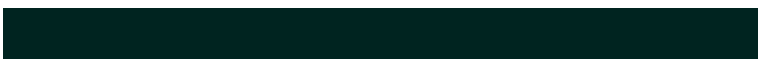
4284193734



4284113763



4278231956



4278199328

Inverse Universe

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



4291189605



4294924649



4291200603



4284701274



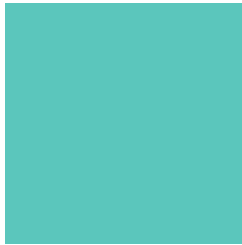
4288872463



4280549379

Previews

White Background



This preview shows how the Android color 4284204732 looks on a white background.

Color Contrast Check

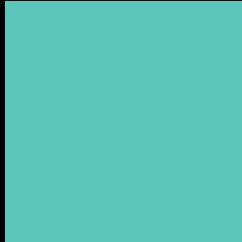
Large Text (above 18pt) WCAG AA × Fail

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 4284204732 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 4284204732 Background



This preview shows how black text looks on a background with the Android color 4284204732.



This preview shows how white text looks on a background with the Android color 4284204732.

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



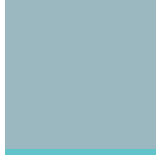
Original Color

4284204732



Protanomaly

4288068277



Deuteranomaly

4288395199



Tritanomaly

4284531914

Monochromacy



Original Color

4284204732



Achromatopsia

4289045925



Achromatomaly

4287279533

CSS Examples

Text

The CSS property to change the color of the text to Android 4284204732 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(91, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(91, 198, 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(91, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 198, 188) }
```

Border

The CSS property to change the border of an element to Android 4284204732 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(91, 198, 188) }
```

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

```
.border{ border-color:rgb(91, 198, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 198, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 198, 188);  
box-shadow:4px 4px 4px 4px rgb(91, 198,  
188) }
```

Background

The CSS property to change the background color of an element to Android 4284204732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 198, 188) }
```

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

```
.background{ background-color: rgb(91, 198,  
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