

Converting Colors

Android(4282964922)

Have a look what the booklet for
Android(4282964922) contains.

| | |
|--|----|
| Android(4282964922) | 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(4282964922)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 48DBBA |
| RGB | 72, 219, 186 |
| RGB Percent | 28%, 86%, 73% |
| CMY | 0.7176, 0.1412, 0.2706 |
| CMYK | 0.67, 0.00, 0.15, 0.14 |
| HSL | 167°, 67%, 57% |
| HSV | 167°, 67%, 86% |
| XYZ | 36.8669, 55.5859, 55.2404 |
| YIQ | 171.2850, -77.0190, -41.4270 |

Conversions

Conversions Part 2

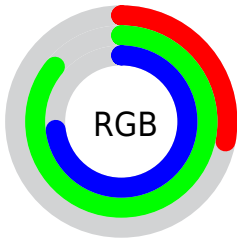
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 72, 155, 219 |
| Decimal | 4774842 |
| CIELab | 79.38, -46.47, 4.93 |
| CIELCh | 79, 46.727, 173.942 |
| Yxy | 55.5859, 0.2496, 0.3764 |
| Android (android.graphics.Color) | 4282964922 (0xFF48DBBA) |
| YUV | 171.2850, 7.2545, -87.0729 |
| Hunter-Lab | 74.5560, -42.2071, 8.2597 |

Details

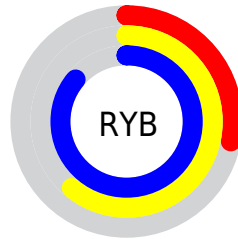
The Android color `4282964922` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292561001`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4287234034`, and `4278231941` is the 20% darker color. If you saturate the color by 10%, you get `4281523125`, and if you desaturate by 10%, it is `4284406719`.

Distribution



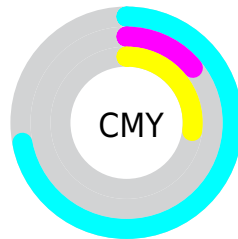
- Red (28%)
- Green (86%)
- Blue (73%)



- Red (28%)
- Yellow (61%)
- Blue (86%)



- Cyan (67%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (72%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282964922 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 4282964922 by changing the saturation by 10% instead.



4282964922



4282964922

4294967295



4280008607



4287234034



4278231941



4289265663



4278225004



4291231743



4278218324



4293197823



4278211900



4278205479



4278200082




4278190080



4282964922



4282964922

 4281523125

 4284406719

 4280081328

 4285848516


 4278639531

 4287290313

 4278246314

 4288732110

 4290108371

 4291550167

 4292991964

 4294433761

 4294958054

Harmonies

Analogous

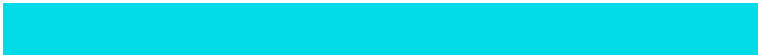
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287288976



4282964922



4278246375

Triad

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



4282964922



4290559487



4294946944

Complementary

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



4282964922



4292561001

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.



4294943908



4282964922



4294159864

Square

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



4282964922



4285517055



4294943695



4293443437

Rectangle

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



4282964922



4278245631



4294943695



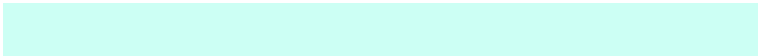
4294945674

Sweetspot

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



4282964922



4291624948



4285193032



4284579961



4278190080



4286611584

Same Dimension

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



4282964922



4281401297



4282954971



4284706411



4278234502



4278201892

Inverse Universe

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



4292561001



4294914143



4292570952



4285424485



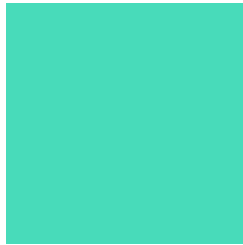
4289527847



4281204746

Previews

White Background



This preview shows how the Android color 4282964922 looks on a white background.

Color Contrast Check

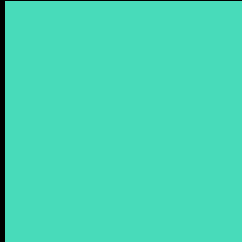
Large Text (above 18pt) WCAG AA × Fail

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 4282964922 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

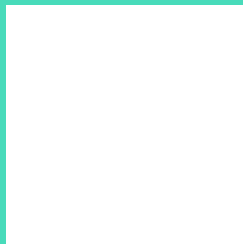
Any Text WCAG AAA ✓ Pass

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

Android 4282964922 Background



This preview shows how black text looks on a background with the Android color 4282964922.



This preview shows how white text looks on a background with the Android color 4282964922.

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

4282964922



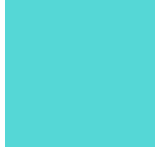
Protanomaly

4288465842



Deuteranomaly

4288923838



Tritanomaly

4283815894

Monochromacy



Original Color

4282964922



Achromatopsia

4289440683



Achromatomaly

4287085744

CSS Examples

Text

The CSS property to change the color of the text to Android 4282964922 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(72, 219, 186)` looks like.

```
.text, #text, p{  
    color:rgb(72, 219, 186)  
}
```

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(72, 219, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 219, 186) }
```

Border

The CSS property to change the border of an element to Android 4282964922 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(72, 219, 186) }
```

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

```
.border{ border-color:rgb(72, 219, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 219, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 219, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 219, 186);  
box-shadow:4px 4px 4px 4px rgb(72, 219,  
186) }
```

Background

The CSS property to change the background color of an element to Android 4282964922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 219, 186) }
```

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

```
.background{ background-color: rgb(72, 219,  
186) }
```

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