

Converting Colors

Android(4284867033)

Have a look what the booklet for
Android(4284867033) contains.

Android(4284867033)	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(4284867033)

Conversions

Conversions Part 1

Format	Color
Hex	65E1D9
RGB	101, 225, 217
RGB Percent	40%, 88%, 85%
CMY	0.6039, 0.1176, 0.1490
CMYK	0.55, 0.00, 0.04, 0.12
HSL	176°, 67%, 64%
HSV	176°, 55%, 88%
XYZ	44.8164, 61.6269, 75.1787
YIQ	187.0120, -71.3360, -28.7760

Conversions

Conversions Part 2

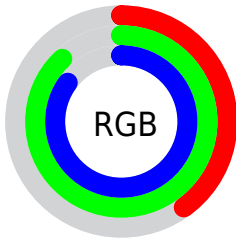
Format	Color
RYB	101, 165, 225
Decimal	6676953
CIELab	82.71, -36.33, -6.57
CIELCh	83, 36.916, 190.255
Yxy	61.6269, 0.2468, 0.3393
Android (android.graphics.Color)	4284867033 (0xFF65E1D9)
YUV	187.0120, 14.7841, -75.4325
Hunter-Lab	78.5028, -35.4761, -1.8275

Details

The Android color `4284867033` is a light color, and the websafe version is hex `33CCCC`. A complement of this color would be `4292961645`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4288872447`, and `4279806370` is the 20% darker color. If you saturate the color by 10%, you get `4283359704`, and if you desaturate by 10%, it is `4286308826`.

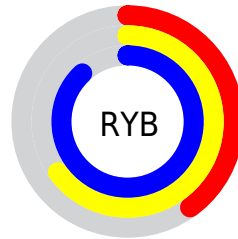
Distribution



Red (40%)

Green (88%)

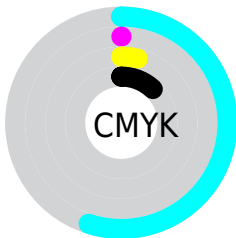
Blue (85%)



Red (40%)

Yellow (65%)

Blue (88%)

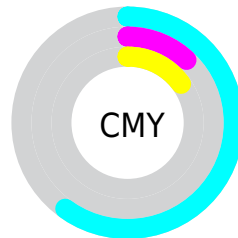


Cyan (55%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (60%)

Magenta (12%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284867033 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 4284867033 by changing the saturation by 10% instead.



4284867033



4284867033

4294967295



4282697149



4288872447



4279806370



4290838527



4278226568



4292804607



4278219887



4294770687



4278213462



4278207295



4278201385



4278194709



4278190080

 4284867033

 4284867033

 4283359704

 4286308826

 4281917910

 4287816156

 4280410581

 4289323485

 4278968787

 4290765279

 4278247890

 4292272608

 4293714402

 4294959587

 4294959589

 4294959590

Harmonies

Analogous

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



4287356853



4284867033



4284145658

Triad

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



4284867033



4293050879



4294624397

Complementary

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



4284867033



4292961645

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.



4294949283



4284867033



4294948838

Square

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



4284867033



4289842687



4294948035



4292530313

Rectangle

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



4284867033



4285455359



4294948035



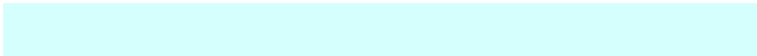
4294951059

Sweetspot

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



4284867033



4292149244



4285391205



4284907646



4278190080



4286611584

Same Dimension

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



4284867033



4283957236



4284853217



4284837999



4278235301



4278202413

Inverse Universe

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



4292961645



4294924130



4292975461



4285556070



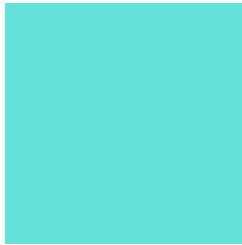
4289724427



4281335811

Previews

White Background



This preview shows how the Android color 4284867033 looks on a white background.

Color Contrast Check

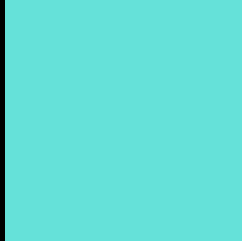
Large Text (above 18pt) WCAG AA × Fail

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 4284867033 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

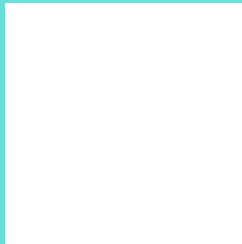
Any Text WCAG AAA ✓ Pass

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

Android 4284867033 Background



This preview shows how black text looks on a background with the Android color 4284867033.



This preview shows how white text looks on a background with the Android color 4284867033.

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
4284867033



Protanomaly
4289319889



Deuteranomaly
4289646813

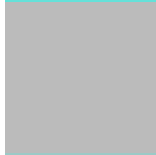


Tritanomaly
4285194216

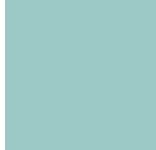
Monochromacy



Original Color
4284867033



Achromatopsia
4290493371



Achromatomaly
4288465350

CSS Examples

Text

The CSS property to change the color of the text to Android 4284867033 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(101, 225, 217)` looks like.

```
.text, #text, p{  
    color:rgb(101, 225, 217)  
}
```

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(101, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 225, 217) }
```

Border

The CSS property to change the border of an element to Android 4284867033 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(101, 225, 217) }
```

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

```
.border{ border-color:rgb(101, 225, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(101, 225,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4284867033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 225, 217) }
```

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

```
.background{ background-color: rgb(101,  
225, 217) }
```

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