

Converting Colors

Android(4284793009)

Have a look what the booklet for
Android(4284793009) contains.

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Color

Android(4284793009)

Conversions

Conversions Part 1

Format	Color
Hex	64C0B1
RGB	100, 192, 177
RGB Percent	39%, 75%, 69%
CMY	0.6078, 0.2471, 0.3059
CMYK	0.48, 0.00, 0.08, 0.25
HSL	170°, 42%, 57%
HSV	170°, 48%, 75%
XYZ	32.0410, 43.5829, 48.3186
YIQ	162.7820, -50.0170, -24.1690

Conversions

Conversions Part 2

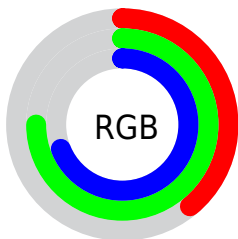
Format	Color
RYB	100, 150, 192
Decimal	6602929
CIELab	71.95, -31.11, -0.91
CIElCh	72, 31.119, 181.685
Yxy	43.5829, 0.2585, 0.3516
Android (android.graphics.Color)	4284793009 (0xFF64C0B1)
YUV	162.7820, 7.0095, -55.0598
Hunter-Lab	66.0174, -28.8969, 2.8174

Details

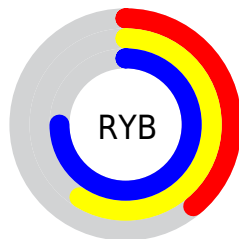
The Android color `4284793009` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290798707`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4288477673`, and `4280846973` is the 20% darker color. If you saturate the color by 10%, you get `4283547822`, and if you desaturate by 10%, it is `4286038196`.

Distribution



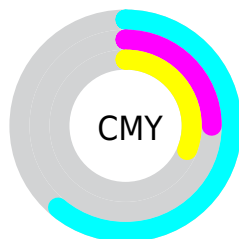
- Red (39%)
- Green (75%)
- Blue (69%)



- Red (39%)
- Yellow (59%)
- Blue (75%)



- Cyan (48%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284793009 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 4284793009 by changing the saturation by 10% instead.



4284793009



4284793009

4294967295



4282885526



4288477673



4280846973



4290379775



4278218852



4292280319



4278212428



4294180863



4278206261



4278200608



4278193417



4278190080



4284793009



4284793009

■ 4283547822

■ 4286038196

■ 4282302635

■ 4287283383

■ 4280991912

■ 4288594106

■ 4279746724

■ 4289839294

■ 4278501537

■ 4291084481

■ 4278239393

■ 4292329668

■ 4293574855

■ 4294885578

■ 4294951117

Harmonies

Analogous

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



4286823829



4284793009



4283744205

Triad

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



4284793009



4290160865



4292584831

Complementary

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



4284793009



4290798707

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.



4293435028



4284793009



4292255692

Square

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



4284793009



4287476457



4293368752



4291014519

Rectangle

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



4284793009



4284267740



4293368752



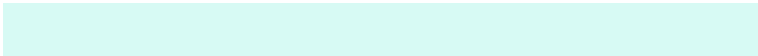
4292911749

Sweetspot

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



4284793009



4292344564



4285775972



4285037945



4294769916



4286414205

Same Dimension

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



4284793009



4285135586



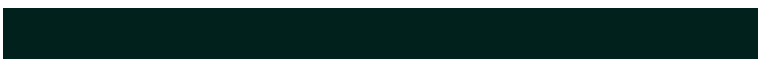
4284785088



4283916639



4278231430



4278198556

Inverse Universe

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



4290798707



4294601089



4290806628



4284569433



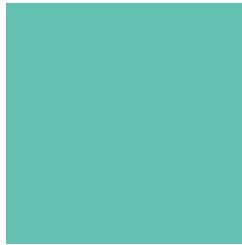
4288741402



4280352773

Previews

White Background



This preview shows how the Android color 4284793009 looks on a white background.

Color Contrast Check

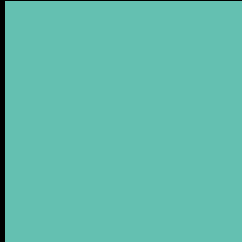
Large Text (above 18pt) WCAG AA × Fail

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 4284793009 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 4284793009 Background



This preview shows how black text looks on a background with the Android color 4284793009.



This preview shows how white text looks on a background with the Android color 4284793009.

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



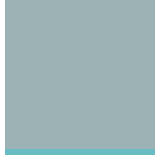
Original Color

4284793009



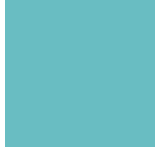
Protanomaly

4288132523



Deuteranomaly

4288524980



Tritanomaly

4285119938

Monochromacy



Original Color

4284793009



Achromatopsia

4288914339



Achromatomaly

4287409832

CSS Examples

Text

The CSS property to change the color of the text to Android 4284793009 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(100, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(100, 192, 177)  
}
```

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(100, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 192, 177) }
```

Border

The CSS property to change the border of an element to Android 4284793009 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(100, 192, 177) }
```

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

```
.border{ border-color:rgb(100, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 192, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 192, 177);  
box-shadow:4px 4px 4px 4px rgb(100, 192,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4284793009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 192, 177) }
```

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

```
.background{ background-color: rgb(100,  
192, 177) }
```

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](#).

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