Converting Colors

Android(4284861901)

Have a look what the booklet for Android(4284861901) contains.

Color

Android(4284861901)

Conversions

Conversions Part 1

Format	Color
Hex	65CDCD
RGB	101, 205, 205
RGB Percent	40%, 80%, 80%
CMY	0.6039, 0.1961, 0.1961
CMYK	0.51, 0.00, 0.00, 0.20
HSL	180°, 51%, 60%
HSV	180°, 51%, 80%
XYZ	38.2176, 50.8371, 65.5559
YIQ	173.9040, -61.9840, -22.0480

Conversions

Conversions Part 2

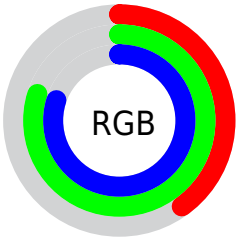
Format	Color
RYB	101, 153, 205
Decimal	6671821
CIELab	76.58, -30.01, -9.26
CIELCh	77, 31.405, 197.149
Yxy	50.8371, 0.2472, 0.3288
Android (android.graphics.Color)	4284861901 (0xFF65CDCD)
YUV	173.9040, 15.3303, -63.9368
Hunter-Lab	71.3002, -29.0975, -4.6032

Details

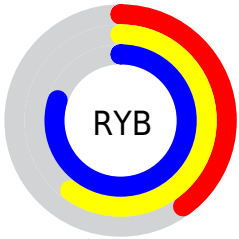
The Android color 4284861901 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 4291650917, and the grayscale version is 4289638062.

A 20% lighter version of the original color is 4288675839, and 4280456855 is the 20% darker color. If you saturate the color by 10%, you get 4283551181, and if you desaturate by 10%, it is 4286238157.

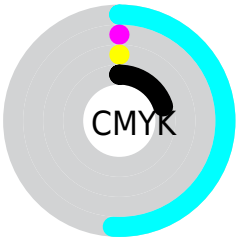
Distribution



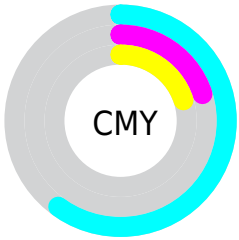
- Red (40%)
- Green (80%)
- Blue (80%)



- Red (40%)
- Yellow (60%)
- Blue (80%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284861901 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 4284861901 by changing the saturation by 10% instead.

4284861901

4294967295

4288675839

4290641919

4292542463

4294508543

4284861901

4282823090

4280456855

4278221949

4278215524

4278209100

4278203190

4278198304

4278190088

4278190080

4284861901

4283551181

4282174925

4280798669

4279487949

4278242765

4284861901

4286238157

4287548877

4288925133

4290235853

4291612109

4292922829

4294299085

4294954445

Harmonies

Analogous

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

4286500015

4284861901

4284926695

Triad

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

4284861901

4292260069

4292720517

Complementary

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

4284861901

4291650917

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.

4294028692

4284861901

4293896651

Square

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

4284861901

4289772276

4294420653

4290822277

Rectangle

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

4284861901

4286170866

4294420653

4293244040

Sweetspot

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

4284861901

4292476927

4284861797

4285104256

4278190080

4286611584

Same Dimension

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

4284861901

4284743679

4284848589

4284245606

4278232742

4278199846

Inverse Universe

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

4291651021

4294927359

4291664229

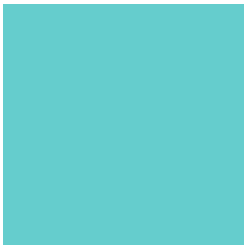
4284898406

4289069222

4280680486

Previews

White Background

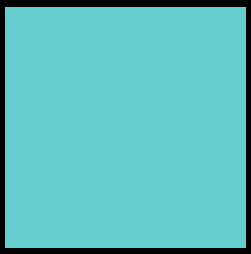


This preview shows how the Android color 4284861901 looks on a white background.

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



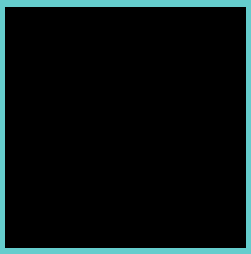
This preview shows how the Android color 4284861901 looks on a black background.

Color Contrast Check

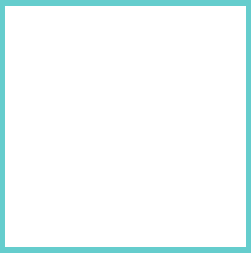
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4284861901 Background



This preview shows how black text looks on a background with the Android color 4284861901.



This preview shows how white text looks on a background with the Android color 4284861901.

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

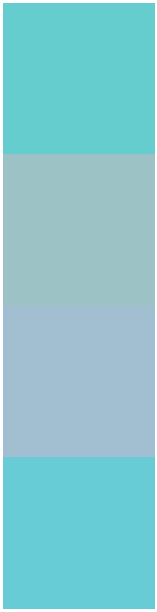
Original Color
4284861901

Protanopia
4290624450

Deuteranopia
4291082194

Tritanopia
4285189083

Trichromacy



Original Color
4284861901

Protanomaly
4288529094

Deuteranomaly
4288790480

Tritanomaly
4285058262

Monochromacy

Original Color
4284861901

Achromatopsia
4289638062

Achromatomaly
4287871417

CSS Examples

Text

The CSS property to change the color of the text to Android 4284861901 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, 205, 205) looks like.

```
.text, #text, p{
    color:rgb(101, 205, 205)
}
```

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, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 205, 205) }
```

Border

The CSS property to change the border of an element to Android 4284861901 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, 205, 205) }
```

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

```
.border{ border-color:rgb(101, 205, 205) }
```

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

Here you see how a box with a 4 pixel rgb(101, 205, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 205, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 205, 205); box-shadow:4px 4px 4px 4px rgb(101, 205, 205) }
```

Background

The CSS property to change the background color of an element to Android 4284861901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(101, 205, 205) }
```

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

```
.background{ background-color:rgb(101,
205, 205) }
```

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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