

Converting Colors

Android(4284920010)

Have a look what the booklet for
Android(4284920010) contains.

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Color

Android(4284920010)

Conversions

Conversions Part 1

Format	Color
Hex	66B0CA
RGB	102, 176, 202
RGB Percent	40%, 69%, 79%
CMY	0.6000, 0.3098, 0.2078
CMYK	0.50, 0.13, 0.00, 0.21
HSL	196°, 49%, 60%
HSV	196°, 50%, 79%
XYZ	31.6655, 38.1397, 61.5699
YIQ	156.8380, -52.4500, -7.6020

Conversions

Conversions Part 2

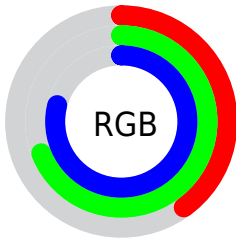
Format	Color
RYB	102, 145, 202
Decimal	6729930
CIELab	68.12, -15.98, -20.35
CIELCh	68, 25.872, 231.850
Yxy	38.1397, 0.2410, 0.2903
Android (android.graphics.Color)	4284920010 (0xFF66B0CA)
YUV	156.8380, 22.2649, -48.0929
Hunter-Lab	61.7574, -16.5512, -15.8798

Details

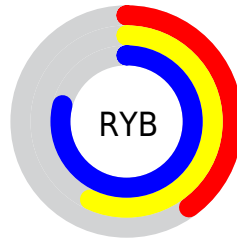
The Android color `4284920010` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4291461222`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4288669951`, and `4280974228` is the 20% darker color. If you saturate the color by 10%, you get `4283608010`, and if you desaturate by 10%, it is `4286232010`.

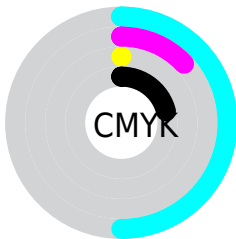
Distribution



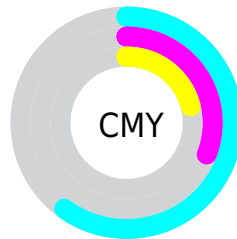
- Red (40%)
- Green (69%)
- Blue (79%)



- Red (40%)
- Yellow (57%)
- Blue (79%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)



- Cyan (60%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284920010 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 4284920010 by changing the saturation by 10% instead.



4284920010



4284920010

4294967295



4283012527



4288669951



4280974228



4290510847



4278215290



4292411391



4278209121



4294377471



4278203465



4278198067



4278190622



4278190080



4284920010



4284920010

■ 4283608010

■ 4286232010

■ 4282295754

■ 4287544266

■ 4280918218

■ 4288921802

■ 4279606218

■ 4290233802

■ 4278294218

■ 4291545802

■ 4278228426

■ 4292858058

■ 4294170058

■ 4294957770

■ 4294959050

Harmonies

Analogous

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



4284593079



4284920010



4286622420

Triad

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



4284920010



4291860141



4289047162

Complementary

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



4284920010



4291461222

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.



4290617976



4284920010



4292253334

Square

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



4284920010



4290681539



4291730306



4287279241

Rectangle

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



4284920010



4288062931



4291730306



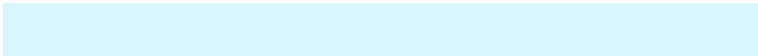
4289636472

Sweetspot

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



4284920010



4292474367



4284926591



4285102720



4278190080



4286611584

Same Dimension

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



4284920010



4285126911



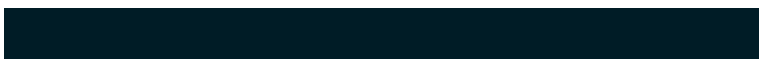
4284907466



4284244838



4278221734



4278197286

Inverse Universe

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



4291454640



4294928856



4291473766



4284898403



4289069179



4280680476

Previews

White Background



This preview shows how the Android color 4284920010 looks on a white background.

Color Contrast Check

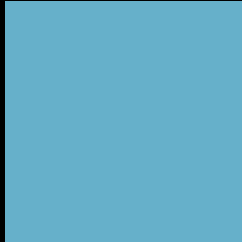
Large Text (above 18pt) WCAG AA × Fail

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 4284920010 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 4284920010 Background



This preview shows how black text looks on a background with the Android color 4284920010.



This preview shows how white text looks on a background with the Android color 4284920010.

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
4284920010

Protanopia
4288652482

Deuteranopia
4288783053

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4284920010 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(102, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(102, 176, 202)  
}
```

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(102, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 176, 202) }
```

Border

The CSS property to change the border of an element to Android 4284920010 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(102, 176, 202) }
```

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

```
.border{ border-color:rgb(102, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(102, 176,  
202) }
```

Background

The CSS property to change the background color of an element to Android 4284920010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 176, 202) }
```

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

```
.background{ background-color: rgb(102,  
176, 202) }
```

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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