

Converting Colors

Android(4284993768)

Have a look what the booklet for
Android(4284993768) contains.

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Color

Android(4284993768)

Conversions

Conversions Part 1

Format	Color
Hex	67D0E8
RGB	103, 208, 232
RGB Percent	40%, 82%, 91%
CMY	0.5961, 0.1843, 0.0902
CMYK	0.56, 0.10, 0.00, 0.09
HSL	191°, 74%, 66%
HSV	191°, 56%, 91%
XYZ	42.7149, 53.8215, 84.4812
YIQ	179.3410, -70.2840, -14.7960

Conversions

Conversions Part 2

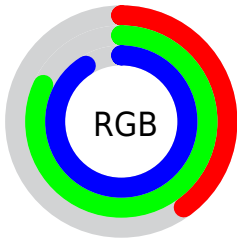
Format	Color
RYB	103, 161, 232
Decimal	6803688
CIELab	78.36, -23.73, -21.09
CIELCh	78, 31.748, 221.638
Yxy	53.8215, 0.2360, 0.2973
Android (android.graphics.Color)	4284993768 (0xFF67D0E8)
YUV	179.3410, 25.9609, -66.9511
Hunter-Lab	73.3631, -24.4558, -16.9211

Details

The Android color `4284993768` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293427047`, and the grayscale version is `4289967027`.

A 20% lighter version of the original color is `4288937983`, and `4280261040` is the 20% darker color. If you saturate the color by 10%, you get `4283485416`, and if you desaturate by 10%, it is `4286502120`.

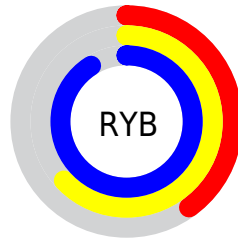
Distribution



Red (40%)

Green (82%)

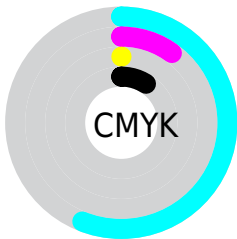
Blue (91%)



Red (40%)

Yellow (63%)

Blue (91%)

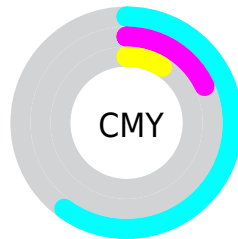


Cyan (56%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (60%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284993768 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 4284993768 by changing the saturation by 10% instead.



4284993768



4284993768

4294967295



4282889420



4288937983



4280261040



4290904063



4278222742



4292870143



4278216316

4294836223



4278210147



4278203979



4278198836



4278190623



4278190082

■ 4284993768

■ 4284993768

■ 4283485416

■ 4286502120

■ 4281976808

■ 4288010728

■ 4280402920

■ 4289584616

■ 4278894568

■ 4291092968

■ 4278238696

■ 4292601576

■ 4294109928

■ 4294962920

■ 4294964200

■ 4294965224

Harmonies

Analogous

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



4285321933



4284993768



4286761721

Triad

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



4284993768



4294029013



4291544200

Complementary

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



4284993768



4293427047

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.



4293376650



4284993768



4294814903

Square

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



4284993768



4292196078



4294554012



4289383573

Rectangle

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



4284993768



4288595196



4294554012



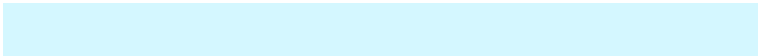
4292198535

Sweetspot

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



4284993768



4292147199



4284999807



4284906368



4278190080



4286611584

Same Dimension

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



4284993768



4283752447



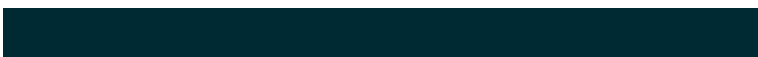
4284977384



4284969331



4278227379



4278200883

Inverse Universe

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



4293421008



4294923487



4293443431



4285753201



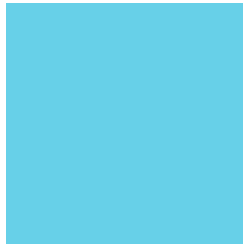
4289921169



4281532458

Previews

White Background



This preview shows how the Android color 4284993768 looks on a white background.

Color Contrast Check

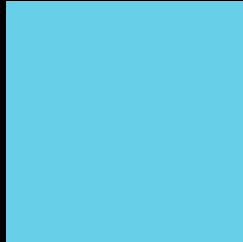
Large Text (above 18pt) WCAG AA × Fail

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 4284993768 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 4284993768 Background



This preview shows how black text looks on a background with the Android color 4284993768.



This preview shows how white text looks on a background with the Android color 4284993768.

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



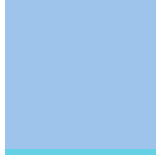
Original Color

4284993768



Protanomaly

4288529889



Deuteranomaly

4288595179



Tritanomaly

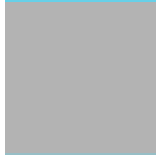
4284928484

Monochromacy



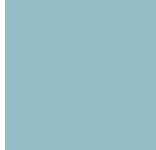
Original Color

4284993768



Achromatopsia

4289967027



Achromatomaly

4288134854

CSS Examples

Text

The CSS property to change the color of the text to Android 4284993768 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(103, 208, 232)` looks like.

```
.text, #text, p{  
    color:rgb(103, 208, 232)  
}
```

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(103, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 208, 232) }
```

Border

The CSS property to change the border of an element to Android 4284993768 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(103, 208, 232) }
```

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

```
.border{ border-color:rgb(103, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(103, 208,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4284993768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 208, 232) }
```

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

```
.background{ background-color: rgb(103,  
208, 232) }
```

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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