

Converting Colors

Android(4280857564)

Have a look what the booklet for
Android(4280857564) contains.

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Color

Android(4280857564)

Conversions

Conversions Part 1

Format	Color
Hex	28B3DC
RGB	40, 179, 220
RGB Percent	16%, 70%, 86%
CMY	0.8431, 0.2980, 0.1373
CMYK	0.82, 0.19, 0.00, 0.14
HSL	194°, 72%, 51%
HSV	194°, 82%, 86%
XYZ	29.9134, 37.8586, 73.4410
YIQ	142.1130, -96.0050, -16.7170

Conversions

Conversions Part 2

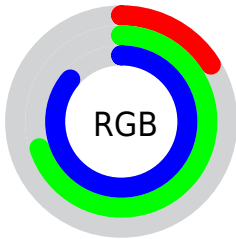
Format	Color
RYB	40, 118, 220
Decimal	2667484
CIELab	67.92, -21.60, -30.71
CIELCh	68, 37.551, 234.878
Yxy	37.8586, 0.2118, 0.2681
Android (android.graphics.Color)	4280857564 (0xFF28B3DC)
YUV	142.1130, 38.3983, -89.5531
Hunter-Lab	61.5294, -20.8959, -27.6975

Details

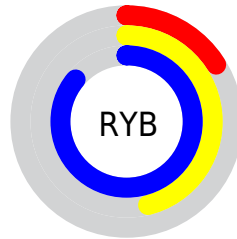
The Android color `4280857564` is a dark color, and the websafe version is hex `33CCFF`. The color can be described as middle washed azure. A complement of this color would be `4292628776`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4285918207`, and `4278222501` is the 20% darker color. If you saturate the color by 10%, you get `4279414492`, and if you desaturate by 10%, it is `4282300636`.

Distribution



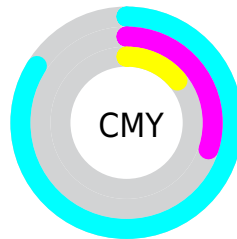
- Red (16%)
- Green (70%)
- Blue (86%)



- Red (16%)
- Yellow (46%)
- Blue (86%)



- Cyan (82%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)



- Cyan (84%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280857564 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 4280857564 by changing the saturation by 10% instead.

 4280857564

 4280857564

4294967295

 4278229184

 4285918207

 4278222501

 4287954943

 4278216074

 4289986559

 4278209905

 4292018175

 4278203992

 4294049791

 4278198592

 4278190890

 4278190357

 4278190080

■ 4280857564

■ 4280857564

■ 4279414492

■ 4282300636

■ 4278233820

■ 4283743708

■ 4285186780

■ 4286629852

■ 4288072924

■ 4289515996

■ 4290959068

■ 4292402140

■ 4293845212

Harmonies

Analogous

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



4279154625



4280857564



4285115368

Triad

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



4280857564



4293102509



4288654439

Complementary

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



4280857564



4292628776

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.



4290879842



4280857564



4293365131

Square

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



4280857564



4291531725



4292580975



4286034813

Rectangle

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



4280857564



4287669223



4292580975



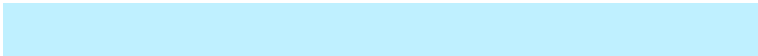
4289440099

Sweetspot

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



4280857564



4290769151



4280867919



4284053376



4278190080



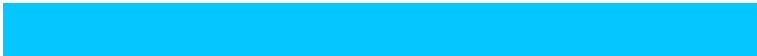
4286611584

Same Dimension

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



4280857564



4278568703



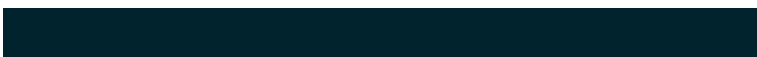
4280835036



4284705646



4278224557



4278199086

Inverse Universe

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



4292618419



4294903238



4292651304



4285424491



4289527942



4281204771

Previews

White Background



This preview shows how the Android color 4280857564 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 4280857564 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 4280857564 Background



This preview shows how black text looks on a background with the Android color 4280857564.



This preview shows how white text looks on a background with the Android color 4280857564.

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





Tritanopia
4278237125

Trichromacy



Original Color

4280857564



Protanomaly

4285573332



Deuteranomaly

4285245663



Tritanomaly

4279219917

Monochromacy



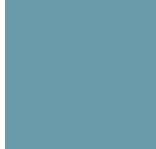
Original Color

4280857564



Achromatopsia

4287532686



Achromatomaly

4285111210

CSS Examples

Text

The CSS property to change the color of the text to Android 4280857564 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(40, 179, 220)` looks like.

```
.text, #text, p{  
    color:rgb(40, 179, 220)  
}
```

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(40, 179, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 179, 220) }
```

Border

The CSS property to change the border of an element to Android 4280857564 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(40, 179, 220) }
```

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

```
.border{ border-color:rgb(40, 179, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 179, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 179, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 179, 220);  
box-shadow:4px 4px 4px 4px rgb(40, 179,  
220) }
```

Background

The CSS property to change the background color of an element to Android 4280857564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 179, 220) }
```

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

```
.background{ background-color: rgb(40, 179,  
220) }
```

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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