

Converting Colors

Android(4281841613)

Have a look what the booklet for
Android(4281841613) contains.

Android(4281841613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281841613)

Conversions

Conversions Part 1

Format	Color
Hex	37B7CD
RGB	55, 183, 205
RGB Percent	22%, 72%, 80%
CMY	0.7843, 0.2824, 0.1961
CMYK	0.73, 0.11, 0.00, 0.20
HSL	189°, 60%, 51%
HSV	189°, 73%, 80%
XYZ	29.5285, 39.0870, 63.7458
YIQ	147.2360, -83.3500, -20.2940

Conversions

Conversions Part 2

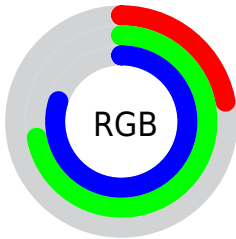
Format	Color
RYB	55, 124, 205
Decimal	3651533
CIELab	68.81, -26.94, -21.08
CIELCh	69, 34.207, 218.044
Yxy	39.0870, 0.2231, 0.2953
Android (android.graphics.Color)	4281841613 (0xFF37B7CD)
YUV	147.2360, 28.4777, -80.8910
Hunter-Lab	62.5196, -25.1023, -16.6892

Details

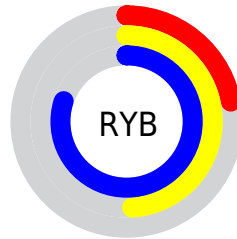
The Android color `4281841613` is a dark color, and the websafe version is hex `66CCCC`. The color can be described as middle muted azure. A complement of this color would be `4291644727`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4286312447`, and `4278223511` is the 20% darker color. If you saturate the color by 10%, you get `4280530125`, and if you desaturate by 10%, it is `4283218637`.

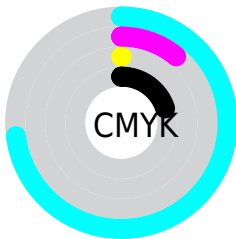
Distribution



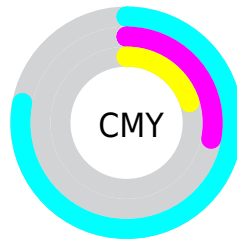
- Red (22%)
- Green (72%)
- Blue (80%)



- Red (22%)
- Yellow (49%)
- Blue (80%)



- Cyan (73%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)




















- Cyan (78%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281841613 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 4281841613 by changing the saturation by 10% instead.

 4281841613	 4281841613
 4294967295	 4278230194
 4286312447	 4278223511
 4288348159	 4278216829
 4290314239	 4278210660
 4292280319	 4278204492
 4294311935	 4278199093
	 4278190624
	 4278190084
	 4278190080

■ 4281841613

■ 4281841613

■ 4280530125

■ 4283218637

■ 4279153101

■ 4284530125

■ 4278235085

■ 4285907149

■ 4287218637

■ 4288595661

■ 4289907149

■ 4291284173

■ 4292595661

■ 4293972685

Harmonies

Analogous

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



4282956207



4281841613



4284002785

Triad

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



4281841613



4292252608



4290095466

Complementary

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



4281841613



4291644727

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.



4291862127



4281841613



4293169313

Square

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



4281841613



4290223577



4292973955



4287869302

Rectangle

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



4281841613



4286229477



4292973955



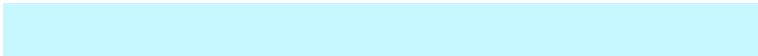
4290749802

Sweetspot

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



4281841613



4291295231



4281847115



4284382080



4278190080



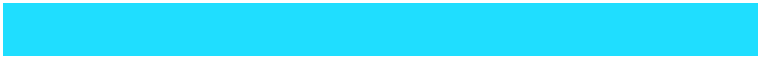
4286611584

Same Dimension

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



4281841613



4280278783



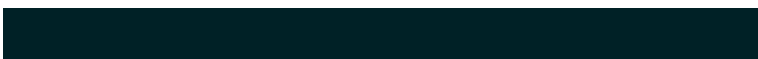
4281822925



4284245350



4278226342



4278198566

Inverse Universe

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



4291639223



4294909918



4291663415



4284898405



4289069197



4280680481

Previews

White Background



This preview shows how the Android color 4281841613 looks on a white background.

Color Contrast Check

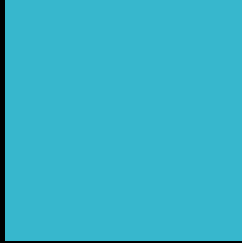
Large Text (above 18pt) WCAG AA × Fail

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 4281841613 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 4281841613 Background



This preview shows how black text looks on a background with the Android color 4281841613.



This preview shows how white text looks on a background with the Android color 4281841613.

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
4281841613



Protanomaly
4286295237



Deuteranomaly
4286229200



Tritanomaly
4281645257

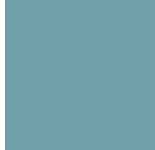
Monochromacy



Original Color
4281841613



Achromatopsia
4287861651



Achromatomaly
4285702312

CSS Examples

Text

The CSS property to change the color of the text to Android 4281841613 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(55, 183, 205)` looks like.

```
.text, #text, p{  
    color:rgb(55, 183, 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(55, 183, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 183, 205) }
```

Border

The CSS property to change the border of an element to Android 4281841613 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(55, 183, 205) }
```

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

```
.border{ border-color:rgb(55, 183, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 183, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 183, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 183, 205);  
box-shadow:4px 4px 4px 4px rgb(55, 183,  
205) }
```

Background

The CSS property to change the background color of an element to Android 4281841613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 183, 205) }
```

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

```
.background{ background-color: rgb(55, 183,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor