

Converting Colors

Android(4281914603)

Have a look what the booklet for
Android(4281914603) contains.

| | |
|--|----|
| Android(4281914603) | 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(4281914603)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 38D4EB |
| RGB | 56, 212, 235 |
| RGB Percent | 22%, 83%, 92% |
| CMY | 0.7804, 0.1686, 0.0784 |
| CMYK | 0.76, 0.10, 0.00, 0.08 |
| HSL | 188°, 82%, 57% |
| HSV | 188°, 76%, 92% |
| XYZ | 40.1698, 53.9259, 86.8888 |
| YIQ | 167.9780, -100.3590, -25.9190 |

Conversions

Conversions Part 2

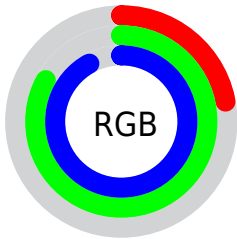
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 56, 139, 235 |
| Decimal | 3724523 |
| CIE Lab | 78.42, -31.75, -22.72 |
| CIE LCh | 78, 39.043, 215.583 |
| Yxy | 53.9259, 0.2220, 0.2980 |
| Android (android.graphics.Color) | 4281914603 (0xFF38D4EB) |
| YUV | 167.9780, 33.0418, -98.2047 |
| Hunter-Lab | 73.4342, -30.8674, -18.7491 |

Details

The Android color **4281914603** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293611320**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4286775295**, and **4278230451** is the 20% darker color. If you saturate the color by 10%, you get **4280406507**, and if you desaturate by 10%, it is **4283422699**.

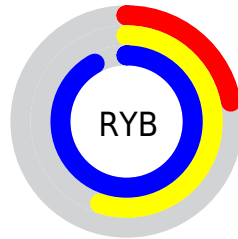
Distribution



Red (22%)

Green (83%)

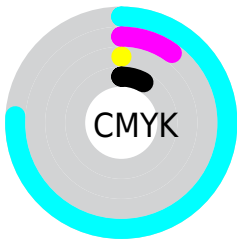
Blue (92%)



Red (22%)

Yellow (55%)

Blue (92%)

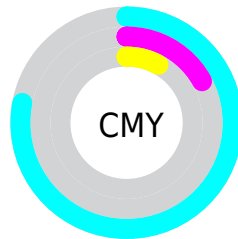


Cyan (76%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (78%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281914603 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 4281914603 by changing the saturation by 10% instead.



4281914603



4281914603

4294967295



4278237391



4286775295



4278230451



4288872447



4278223768



4290969599



4278217086



4293001215



4278210661



4278204749



4278199350



4278190625



4278190087

■ 4281914603

■ 4281914603

■ 4280406507

■ 4283422699

■ 4278832875

■ 4284996331

■ 4278242795

■ 4286504427

■ 4288078059

■ 4289651691

■ 4291159787

■ 4292733419

■ 4294241515

■ 4294963179

Harmonies

Analogous

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



4283684552



4281914603



4284403455

Triad

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



4281914603



4294355937



4292133497

Complementary

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



4281914603



4293611320

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.



4294162049



4281914603



4294944444

Square

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



4281914603



4291802877



4294945690



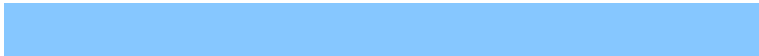
4289580166

Rectangle

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



4281914603



4287023103



4294945690



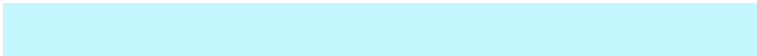
4292853369

Sweetspot

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



4281914603



4291098623



4281920333



4284251008



4278190080



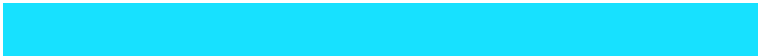
4286611584

Same Dimension

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



4281914603



4279755263



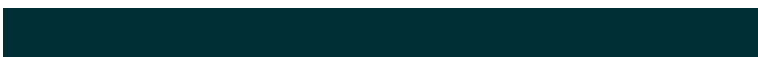
4281892331



4285166709



4278230709



4278202166

Inverse Universe

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



4293605588



4294907873



4293633592



4285885044



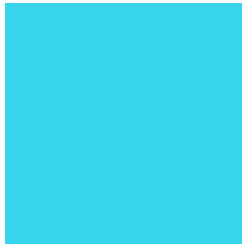
4290052254



4281729071

Previews

White Background



This preview shows how the Android color 4281914603 looks on a white background.

Color Contrast Check

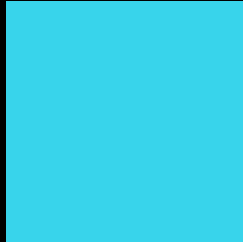
Large Text (above 18pt) WCAG AA × Fail

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 4281914603 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 4281914603 Background



This preview shows how black text looks on a background with the Android color 4281914603.



This preview shows how white text looks on a background with the Android color 4281914603.

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

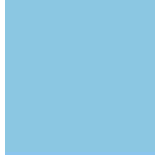


Trichromacy



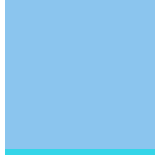
Original Color

4281914603



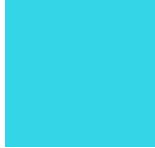
Protanomaly

4287350754



Deuteranomaly

4287350254



Tritanomaly

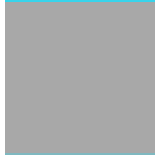
4281718248

Monochromacy



Original Color

4281914603



Achromatopsia

4289243304



Achromatomaly

4286560448

CSS Examples

Text

The CSS property to change the color of the text to Android 4281914603 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(56, 212, 235)` looks like.

```
.text, #text, p{  
    color:rgb(56, 212, 235)  
}
```

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(56, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 212, 235) }
```

Border

The CSS property to change the border of an element to Android 4281914603 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(56, 212, 235) }
```

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

```
.border{ border-color:rgb(56, 212, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 212, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(56, 212,  
235) }
```

Background

The CSS property to change the background color of an element to Android 4281914603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 212, 235) }
```

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

```
.background{ background-color: rgb(56, 212,  
235) }
```

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