

Converting Colors

Android(4281846750)

Have a look what the booklet for
Android(4281846750) contains.

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Color

Android(4281846750)

Conversions

Conversions Part 1

Format	Color
Hex	37CBDE
RGB	55, 203, 222
RGB Percent	22%, 80%, 87%
CMY	0.7843, 0.2039, 0.1294
CMYK	0.75, 0.09, 0.00, 0.13
HSL	187°, 72%, 54%
HSV	187°, 75%, 87%
XYZ	36.1163, 48.7980, 76.6227
YIQ	160.9140, -94.3070, -25.4670

Conversions

Conversions Part 2

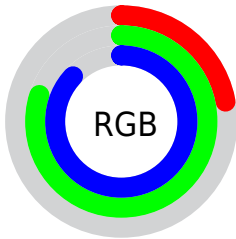
Format	Color
RYB	55, 133, 222
Decimal	3656670
CIELab	75.33, -31.49, -20.44
CIELCh	75, 37.542, 212.982
Yxy	48.7980, 0.2236, 0.3021
Android (android.graphics.Color)	4281846750 (0xFF37CBDE)
YUV	160.9140, 30.1154, -92.8866
Hunter-Lab	69.8556, -29.9603, -16.1347

Details

The Android color **4281846750** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **4292758071**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4286578687**, and **4278228135** is the 20% darker color. If you saturate the color by 10%, you get **4280404190**, and if you desaturate by 10%, it is **4283289310**.

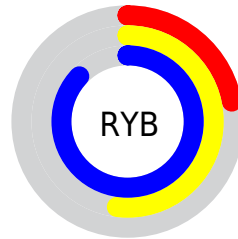
Distribution



Red (22%)

Green (80%)

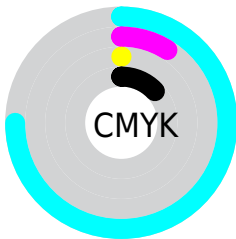
Blue (87%)



Red (22%)

Yellow (52%)

Blue (87%)

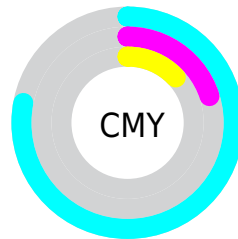


Cyan (75%)

Magenta (9%)

Yellow (0%)

Black (13%)



Cyan (78%)


Magenta (20%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281846750 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 4281846750 by changing the saturation by 10% instead.

 4281846750

 4281846750

4294967295

 4278235074

 4286578687

 4278228135

 4288675839

 4278221452

 4290707455

 4278215027

 4292739071

 4278208858

 4294770687

 4278202691

 4278197549

 4278190360

 4278190080

■ 4281846750

■ 4281846750

■ 4280404190

■ 4283289310

■ 4278961886

■ 4284731614

■ 4278240734

■ 4286239710

■ 4287682014

■ 4289124574

■ 4290566878

■ 4292009438

■ 4293517278

■ 4294959838

Harmonies

Analogous

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



4283747516



4281846750



4283876854

Triad

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



4281846750



4293436634



4291672436

Complementary

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



4281846750



4292758071

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.



4293635453



4281846750



4294746039

Square

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



4281846750



4290949108



4294681494



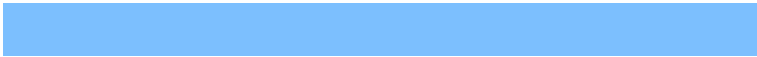
4289315710

Rectangle

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



4281846750



4286365694



4294681494



4292392309

Sweetspot

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



4281846750



4291098879



4281851464



4284251008



4278190080



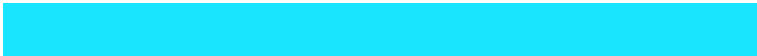
4286611584

Same Dimension

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



4281846750



4279887359



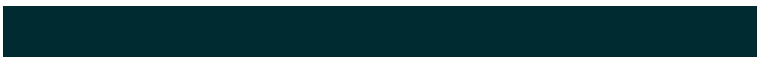
4281826014



4284837744



4278230192



4278201136

Inverse Universe

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



4292753355



4294908389



4292778807



4285556079



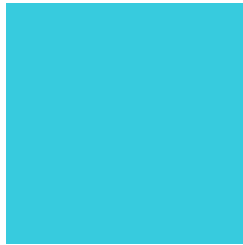
4289724572



4281335851

Previews

White Background



This preview shows how the Android color 4281846750 looks on a white background.

Color Contrast Check

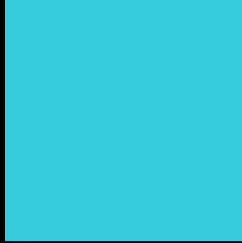
Large Text (above 18pt) WCAG AA × Fail

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 4281846750 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 4281846750 Background



This preview shows how black text looks on a background with the Android color 4281846750.



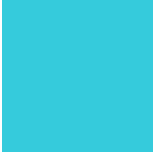
This preview shows how white text looks on a background with the Android color 4281846750.

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
4281715676

Trichromacy



Original Color
4281846750



Protanomaly
4287086294



Deuteranomaly
4287085793



Tritanomaly
4281781213

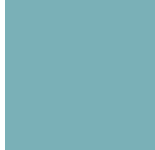
Monochromacy



Original Color
4281846750



Achromatopsia
4288782753



Achromatomaly
4286230711

CSS Examples

Text

The CSS property to change the color of the text to Android 4281846750 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, 203, 222)` looks like.

```
.text, #text, p{  
    color:rgb(55, 203, 222)  
}
```

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, 203, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 203, 222) }
```

Border

The CSS property to change the border of an element to Android 4281846750 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, 203, 222) }
```

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

```
.border{ border-color:rgb(55, 203, 222) }
```

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

Here you see how a box with a 4 pixel rgb(55, 203, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 203, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 203, 222);  
box-shadow:4px 4px 4px 4px rgb(55, 203,  
222) }
```

Background

The CSS property to change the background color of an element to Android 4281846750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 203, 222) }
```

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

```
.background{ background-color: rgb(55, 203,  
222) }
```

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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