

Converting Colors

Android(4281837217)

Have a look what the booklet for
Android(4281837217) contains.

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Color

Android(4281837217)

Conversions

Conversions Part 1

Format	Color
Hex	37A6A1
RGB	55, 166, 161
RGB Percent	22%, 65%, 63%
CMY	0.7843, 0.3490, 0.3686
CMYK	0.67, 0.00, 0.03, 0.35
HSL	177°, 50%, 43%
HSV	177°, 67%, 65%
XYZ	21.6448, 30.6579, 38.4950
YIQ	132.2410, -64.5510, -25.0870

Conversions

Conversions Part 2

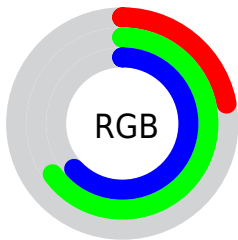
Format	Color
RYB	55, 112, 166
Decimal	3647137
CIELab	62.22, -31.81, -6.56
CIElCh	62, 32.481, 191.655
Yxy	30.6579, 0.2384, 0.3377
Android (android.graphics.Color)	4281837217 (0xFF37A6A1)
YUV	132.2410, 14.1782, -67.7404
Hunter-Lab	55.3695, -27.1184, -2.4619

Details

The Android color `4281837217` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289083196`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4285914840`, and `4278219118` is the 20% darker color. If you saturate the color by 10%, you get `4280723104`, and if you desaturate by 10%, it is `4282951330`.

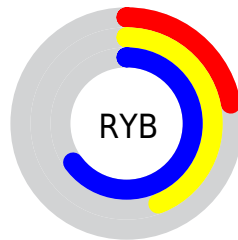
Distribution



Red (22%)

Green (65%)

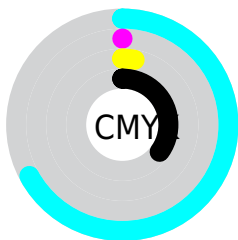
Blue (63%)



Red (22%)

Yellow (44%)

Blue (65%)

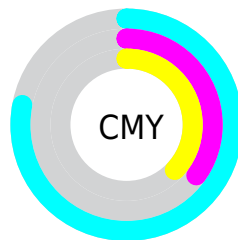


Cyan (67%)

Magenta (0%)

Yellow (3%)

Black (35%)



Cyan (78%)

Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281837217 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 4281837217 by changing the saturation by 10% instead.



4281837217



4281837217

4294967295



4278619015



4285914840



4278219118



4287822580



4278212693



4289724415



4278206526



4291624959



4278200872



4293591039



4278193940



4278190080



4281837217



4281837217



4280723104



4282951330

■ 4279674528

■ 4283999906

■ 4278560415

■ 4285114019

■ 4278232735

■ 4286162596

■ 4287276709

■ 4288390821

■ 4289439398

■ 4290553511

■ 4291602088

Harmonies

Analogous

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



4284196227



4281837217



4280984764

Triad

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



4281837217



4289235906



4290350944

Complementary

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



4281837217



4289083196

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.



4291462513



4281837217



4291068841

Square

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



4281837217



4286617039



4291788940



4288649309

Rectangle

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



4281837217



4282491336



4291788940



4290808676

Sweetspot

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



4281837217



4289583575



4282230327



4283657836



4293783021



4285427310

Same Dimension

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



4281837217



4281063889



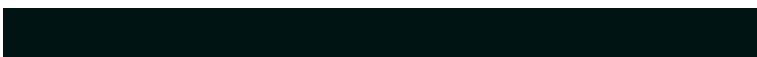
4281824422



4283192404



4278228109



4278195219

Inverse Universe

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



4289083196



4292422451



4289095991



4283714636



4287889415



4279500801

Previews

White Background



This preview shows how the Android color 4281837217 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 4281837217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

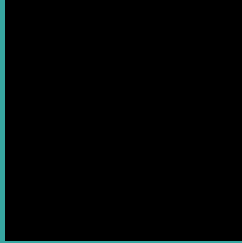
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

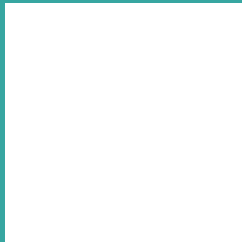
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281837217 Background



This preview shows how black text looks on a background with the Android color 4281837217.

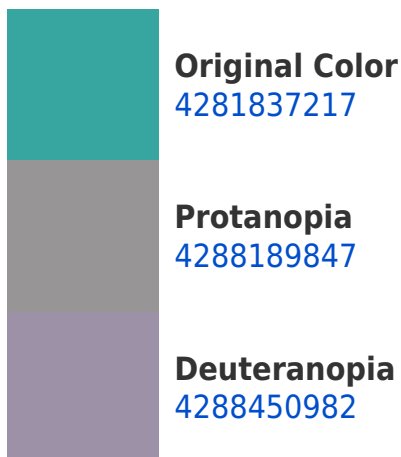


This preview shows how white text looks on a background with the Android color 4281837217.

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

4281837217



Protanomaly

4285897627



Deuteranomaly

4286028196



Tritanomaly

4282164651

Monochromacy



Original Color

4281837217



Achromatopsia

4286874756



Achromatomaly

4285042831

CSS Examples

Text

The CSS property to change the color of the text to Android 4281837217 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, 166, 161)` looks like.

```
.text, #text, p{  
    color:rgb(55, 166, 161)  
}
```

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, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 166, 161) }
```

Border

The CSS property to change the border of an element to Android 4281837217 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, 166, 161) }
```

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

```
.border{ border-color:rgb(55, 166, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 166, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(55, 166, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(55, 166, 161); box-shadow:4px 4px 4px 4px rgb(55, 166, 161) }
```

Background

The CSS property to change the background color of an element to Android 4281837217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 166, 161) }
```

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

```
.background{ background-color: rgb(55, 166,  
161) }
```

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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