

Converting Colors

Android(4282236587)

Have a look what the booklet for
Android(4282236587) contains.

Android(4282236587)	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(4282236587)

Conversions

Conversions Part 1

Format	Color
Hex	3DBEAB
RGB	61, 190, 171
RGB Percent	24%, 75%, 67%
CMY	0.7608, 0.2549, 0.3294
CMYK	0.68, 0.00, 0.10, 0.25
HSL	171°, 51%, 49%
HSV	171°, 68%, 75%
XYZ	27.6886, 40.7593, 44.9361
YIQ	149.2630, -70.7850, -33.2570

Conversions

Conversions Part 2

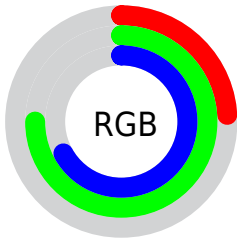
Format	Color
RYB	61, 131, 190
Decimal	4046507
CIELab	70.01, -39.26, -0.62
CIELCh	70, 39.270, 180.900
Yxy	40.7593, 0.2442, 0.3595
Android (android.graphics.Color)	4282236587 (0xFF3DBEAB)
YUV	149.2630, 10.7163, -77.4067
Hunter-Lab	63.8430, -34.3101, 2.9587

Details

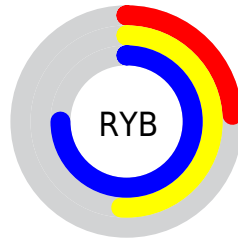
The Android color `4282236587` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290657616`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4286445538`, and `4278225015` is the 20% darker color. If you saturate the color by 10%, you get `4280991400`, and if you desaturate by 10%, it is `4283481774`.

Distribution



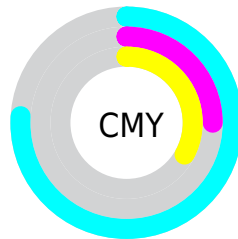
- Red (24%)
- Green (75%)
- Blue (67%)



- Red (24%)
- Yellow (51%)
- Blue (75%)



- Cyan (68%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (76%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282236587 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 4282236587 by changing the saturation by 10% instead.



4282236587



4282236587

4294967295



4278952849



4286445538



4278225015



4288348159



4278218334



4290314239



4278211911



4292280319



4278205744



4294246399



4278200347



4278190082



4278190080



4282236587



4282236587

■ 4280991400

■ 4283481774

■ 4279746213

■ 4284726961

■ 4278501027

■ 4285972147

■ 4278238882

■ 4287217334

■ 4288462521

■ 4289707708

■ 4290952895

■ 4292198081

■ 4293443268

Harmonies

Analogous

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



4285643655



4282236587



4278238671

Triad

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



4282236587



4289765864



4292779374

Complementary

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



4282236587



4290657616

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.



4293890696



4282236587



4292449742

Square

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



4282236587



4286099186



4293824427



4290881891

Rectangle

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



4282236587



4279417569



4293824427



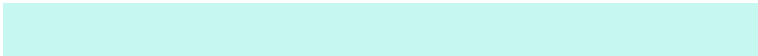
4293237109

Sweetspot

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



4282236587



4291229680



4283481661



4284448121



4294769916



4286414205

Same Dimension

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



4282236587



4281333722



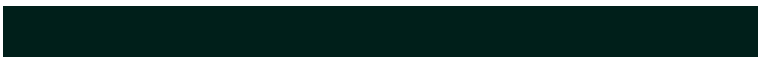
4282225086



4283784797



4278230663



4278198042

Inverse Universe

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



4290657616



4294389581



4290669117



4284372310



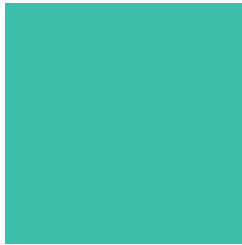
4288544791



4280221701

Previews

White Background



This preview shows how the Android color 4282236587 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 4282236587 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

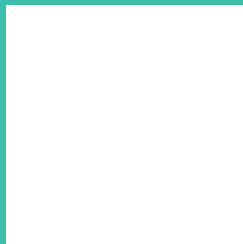
Any Text WCAG AAA ✓ Pass

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

Android 4282236587 Background



This preview shows how black text looks on a background with the Android color 4282236587.

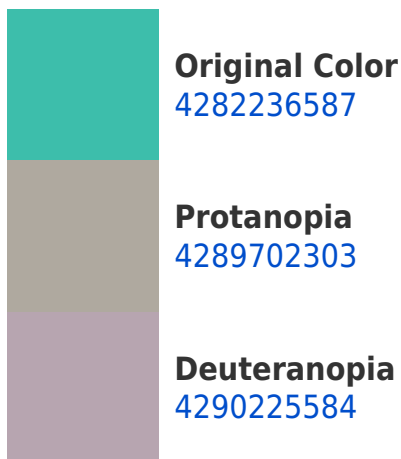


This preview shows how white text looks on a background with the Android color 4282236587.

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

4282236587



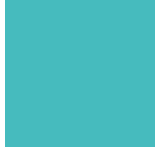
Protanomaly

4287017379



Deuteranomaly

4287344302



Tritanomaly

4282825662

Monochromacy



Original Color

4282236587



Achromatopsia

4287993237



Achromatomaly

4285899933

CSS Examples

Text

The CSS property to change the color of the text to Android 4282236587 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(61, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(61, 190, 171)  
}
```

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(61, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 190, 171) }
```

Border

The CSS property to change the border of an element to Android 4282236587 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(61, 190, 171) }
```

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

```
.border{ border-color:rgb(61, 190, 171) }
```

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

Here you see how a box with a 4 pixel rgb(61, 190, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(61, 190,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4282236587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 190, 171) }
```

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

```
.background{ background-color: rgb(61, 190,  
171) }
```

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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