

Converting Colors

Android(4282431935)

Have a look what the booklet for
Android(4282431935) contains.

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Color

Android(4282431935)

Conversions

Conversions Part 1

Format	Color
Hex	40B9BF
RGB	64, 185, 191
RGB Percent	25%, 73%, 75%
CMY	0.7490, 0.2745, 0.2510
CMYK	0.66, 0.03, 0.00, 0.25
HSL	183°, 50%, 50%
HSV	183°, 66%, 75%
XYZ	28.8673, 39.5495, 55.4026
YIQ	149.5050, -74.0420, -23.7860

Conversions

Conversions Part 2

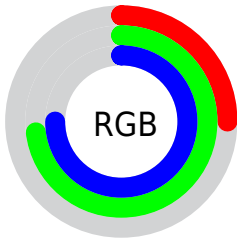
Format	Color
RYB	64, 126, 191
Decimal	4241855
CIELab	69.15, -30.92, -12.86
CIELCh	69, 33.491, 202.586
Yxy	39.5495, 0.2331, 0.3194
Android (android.graphics.Color)	4282431935 (0xFF40B9BF)
YUV	149.5050, 20.4570, -74.9879
Hunter-Lab	62.8884, -28.1189, -8.2106

Details

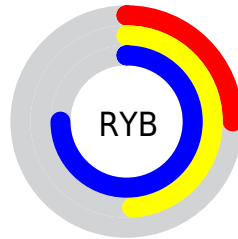
The Android color `4282431935` is a dark color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290725440`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4286640631`, and `4278223754` is the 20% darker color. If you saturate the color by 10%, you get `4281186495`, and if you desaturate by 10%, it is `4283677375`.

Distribution



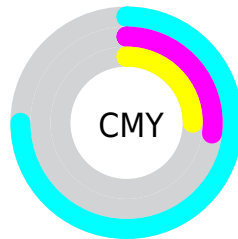
- Red (25%)
- Green (73%)
- Blue (75%)



- Red (25%)
- Yellow (49%)
- Blue (75%)



- Cyan (66%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282431935 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 4282431935 by changing the saturation by 10% instead.

 4282431935

 4282431935

4294967295

 4279344804

 4286640631

 4278223754

 4288544767

 4278217328

 4290510847

 4278210904

 4292476927

 4278204737

 4294508543

 4278199594

 4278190359

 4278190080

 4282431935

 4282431935

■ 4281186495

■ 4283677375

■ 4279941055

■ 4284922815

■ 4278695615

■ 4286168255

■ 4278236863

■ 4287413695

■ 4288724671

■ 4289969855

■ 4291215295

■ 4292460735

■ 4293706175

Harmonies

Analogous

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



4284397984



4282431935



4282955224

Triad

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



4282431935



4291336654



4291077229

Complementary

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



4282431935



4290725440

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.



4292582010



4282431935



4292842162

Square

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



4282431935



4288849121



4293235603



4289113712

Rectangle

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



4282431935



4284723682



4293235603



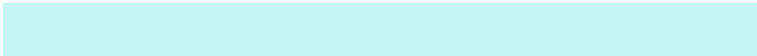
4291666287

Sweetspot

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



4282431935



4291229175



4282433348



4284447869



4294769916



4286414205

Same Dimension

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



4282431935



4281462519



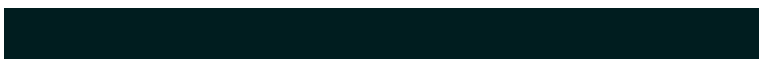
4282416063



4283784798



4278228894



4278197535

Inverse Universe

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



4290724025



4294390254



4290741312



4284372318



4288544919



4280221725

Previews

White Background



This preview shows how the Android color 4282431935 looks on a white background.

Color Contrast Check

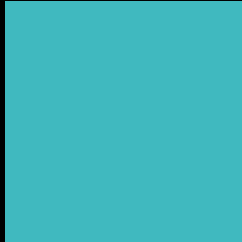
Large Text (above 18pt) WCAG AA × Fail

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 4282431935 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 4282431935 Background



This preview shows how black text looks on a background with the Android color 4282431935.



This preview shows how white text looks on a background with the Android color 4282431935.

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

4282431935



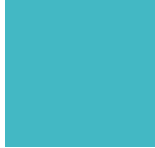
Protanomaly

4286754487



Deuteranomaly

4286819522



Tritanomaly

4282628292

Monochromacy



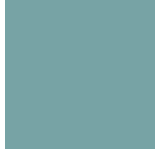
Original Color

4282431935



Achromatopsia

4288059030



Achromatomaly

4286030757

CSS Examples

Text

The CSS property to change the color of the text to Android 4282431935 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(64, 185, 191)` looks like.

```
.text, #text, p{  
    color:rgb(64, 185, 191)  
}
```

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(64, 185, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 185, 191) }
```

Border

The CSS property to change the border of an element to Android 4282431935 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(64, 185, 191) }
```

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

```
.border{ border-color:rgb(64, 185, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 185, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 185, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 185, 191);  
box-shadow:4px 4px 4px 4px rgb(64, 185,  
191) }
```

Background

The CSS property to change the background color of an element to Android 4282431935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 185, 191) }
```

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

```
.background{ background-color: rgb(64, 185,  
191) }
```

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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