

Converting Colors

Android(4282564976)

Have a look what the booklet for
Android(4282564976) contains.

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Color

Android(4282564976)

Conversions

Conversions Part 1

Format	Color
Hex	42C170
RGB	66, 193, 112
RGB Percent	26%, 76%, 44%
CMY	0.7412, 0.2431, 0.5608
CMYK	0.66, 0.00, 0.42, 0.24
HSL	142°, 51%, 51%
HSV	142°, 66%, 76%
XYZ	24.2414, 40.4680, 21.8627
YIQ	145.7930, -49.6910, -52.1150

Conversions

Conversions Part 2

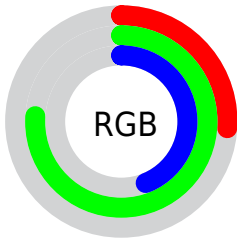
Format	Color
RYB	66, 159, 193
Decimal	4374896
CIELab	69.80, -52.75, 30.82
CIELCh	70, 61.092, 149.704
Yxy	40.4680, 0.2800, 0.4674
Android (android.graphics.Color)	4282564976 (0xFF42C170)
YUV	145.7930, -16.6599, -69.9785
Hunter-Lab	63.6145, -43.3050, 24.1537

Details

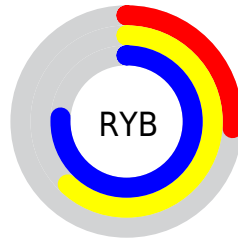
The Android color `4282564976` is a dark color, and the websafe version is hex `66CC66`. The color can be described as dark muted spring green. A complement of this color would be `4290855571`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4286577317`, and `4278225471` is the 20% darker color. If you saturate the color by 10%, you get `4281319780`, and if you desaturate by 10%, it is `4283810172`.

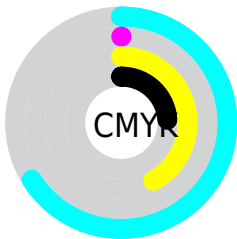
Distribution



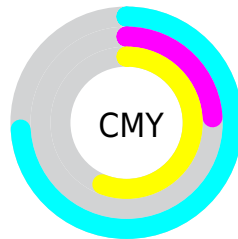
- Red (26%)
- Green (76%)
- Blue (44%)



- Red (26%)
- Yellow (62%)
- Blue (76%)



- Cyan (66%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (74%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282564976 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 4282564976 by changing the saturation by 10% instead.



4282564976



4282564976

4294967295



4279936343



4286577317



4278225471



4288544704



4278218791



4290445276



4278212111



4292411385



4278205952



4294377471



4278200064



4278190080



4282564976



4282564976



4281319780



4283810172

■ 4280009047

■ 4285120905

■ 4278763851

■ 4286366101

■ 4278239558

■ 4287611297

■ 4288856494

■ 4290167226

■ 4291412422

■ 4292657618

■ 4293968351

Harmonies

Analogous

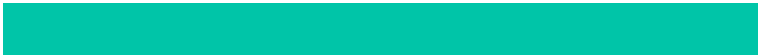
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287739715



4282564976



4278240680

Triad

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



4282564976



4278563327



4294934391

Complementary

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



4282564976



4290855571

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.



4294932653



4282564976



4289436927

Square

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



4282564976



4278238975



4293756387



4294218570

Rectangle

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



4282564976



4278240974



4293756387



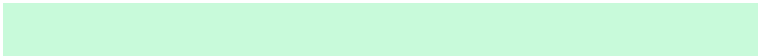
4294933128

Sweetspot

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



4282564976



4291361498



4288004418



4284448106



4294769916



4286414205

Same Dimension

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



4282564976



4281662076



4282565038



4283916635



4278231354



4278198540

Inverse Universe

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



4290855571



4294587570



4290855509



4284569437



4288741478



4280352789

Previews

White Background



This preview shows how the Android color 4282564976 looks on a white background.

Color Contrast Check

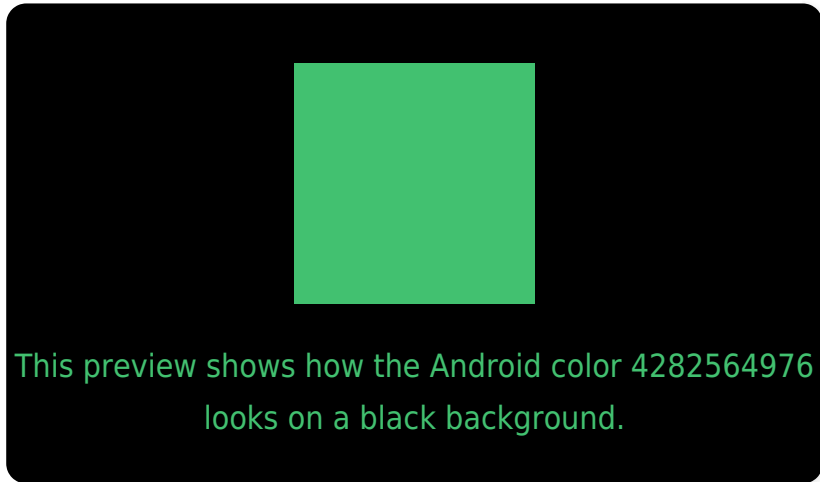
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4282564976 Background



This preview shows how black text looks on a background with the Android color 4282564976.



This preview shows how white text looks on a background with the Android color 4282564976.

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

4282564976



Protanomaly

4287541866



Deuteranomaly

4288195956



Tritanomaly

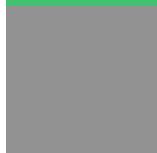
4283743143

Monochromacy



Original Color

4282564976



Achromatopsia

4287795858



Achromatomaly

4285899654

CSS Examples

Text

The CSS property to change the color of the text to Android 4282564976 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(66, 193, 112)` looks like.

```
.text, #text, p{  
    color:rgb(66, 193, 112)  
}
```

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(66, 193, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 193, 112) }
```

Border

The CSS property to change the border of an element to Android 4282564976 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(66, 193, 112) }
```

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

```
.border{ border-color:rgb(66, 193, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 193, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 193, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 193, 112);  
box-shadow:4px 4px 4px 4px rgb(66, 193,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4282564976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 193, 112) }
```

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

```
.background{ background-color: rgb(66, 193,  
112) }
```

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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