

Converting Colors

Android(4282695050)

Have a look what the booklet for
Android(4282695050) contains.

Android(4282695050)	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(4282695050)

Conversions

Conversions Part 1

Format	Color
Hex	44BD8A
RGB	68, 189, 138
RGB Percent	27%, 74%, 54%
CMY	0.7333, 0.2588, 0.4588
CMYK	0.64, 0.00, 0.27, 0.26
HSL	155°, 48%, 50%
HSV	155°, 64%, 74%
XYZ	25.1689, 39.4591, 30.3346
YIQ	147.0070, -55.7450, -41.5130

Conversions

Conversions Part 2

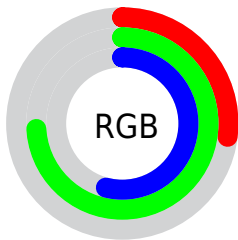
Format	Color
RYB	68, 145, 189
Decimal	4504970
CIELab	69.08, -45.66, 16.07
CIELCh	69, 48.402, 160.609
Yxy	39.4591, 0.2650, 0.4155
Android (android.graphics.Color)	4282695050 (0xFF44BD8A)
YUV	147.0070, -4.4405, -69.2891
Hunter-Lab	62.8165, -38.4085, 15.3399

Details

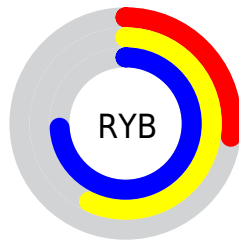
The Android color `4282695050` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290593911`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4286641856`, and `4278224728` is the 20% darker color. If you saturate the color by 10%, you get `4281449858`, and if you desaturate by 10%, it is `4283940242`.

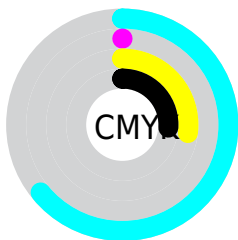
Distribution



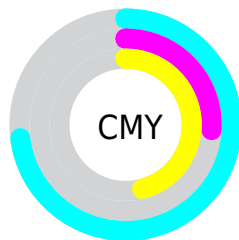
- Red (27%)
- Green (74%)
- Blue (54%)



- Red (27%)
- Yellow (57%)
- Blue (74%)



- Cyan (64%)
- Magenta (0%)
- Yellow (27%)
- Black (26%)



- Cyan (73%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282695050 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 4282695050 by changing the saturation by 10% instead.



4282695050



4282695050

4294967295



4280263024



4286641856



4278224728



4288544731



4278218048



4290510840



4278211370



4292411391



4278205205



4294377471



4278199808



4278190080



4282695050



4282695050



4281449858



4283940242

■ 4280204666

■ 4285185434

■ 4278959474

■ 4286430626

■ 4278238573

■ 4287675818

■ 4288921010

■ 4290100666

■ 4291345858

■ 4292591050

■ 4293836242

Harmonies

Analogous

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



4286887524



4282695050



4278239159

Triad

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



4282695050



4286359807



4294217074

Complementary

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



4282695050



4290593911

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.



4294673563



4282695050



4290877419

Square

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



4282695050



4278236667



4293626055



4292582485

Rectangle

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



4282695050



4278238932



4293626055



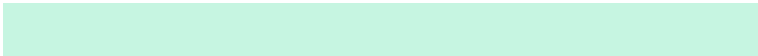
4294543742

Sweetspot

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



4282695050



4291229153



4286102852



4284381807



4294638330



4286216826

Same Dimension

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



4282695050



4281922981



4282693053



4283784794



4278230619



4278198034

Inverse Universe

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



4290593911



4294260872



4290595908



4284372313



4288544835



4280221709

Previews

White Background



This preview shows how the Android color 4282695050 looks on a white background.

Color Contrast Check

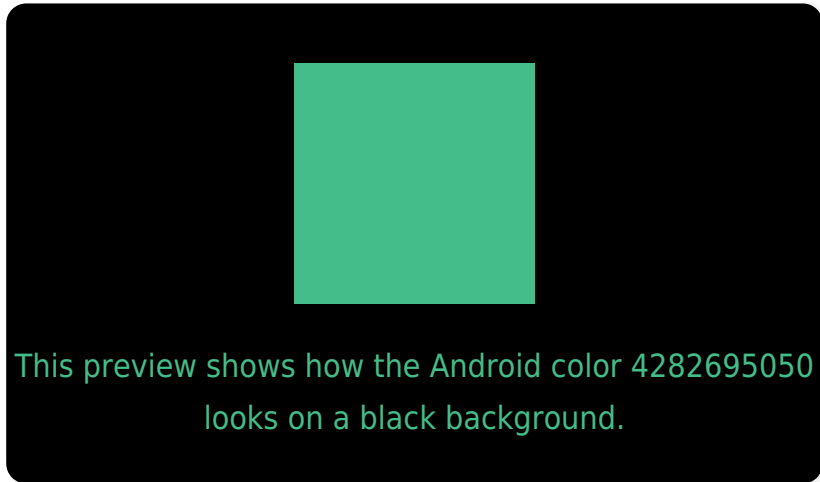
Large Text (above 18pt) WCAG AA × Fail

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

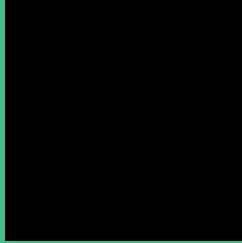
Any Text WCAG AA ✓ Pass

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 4282695050 Background



This preview shows how black text looks on a background with the Android color 4282695050.



This preview shows how white text looks on a background with the Android color 4282695050.

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

4282695050



Protanomaly

4287344516



Deuteranomaly

4287867790



Tritanomaly

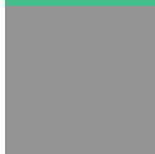
4283545775

Monochromacy



Original Color

4282695050



Achromatopsia

4287861651



Achromatomaly

4285964944

CSS Examples

Text

The CSS property to change the color of the text to Android 4282695050 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(68, 189, 138)` looks like.

```
.text, #text, p{  
    color:rgb(68, 189, 138)  
}
```

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(68, 189, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 189, 138) }
```

Border

The CSS property to change the border of an element to Android 4282695050 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(68, 189, 138) }
```

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

```
.border{ border-color:rgb(68, 189, 138) }
```

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

Here you see how a box with a 4 pixel rgb(68, 189, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 189, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 189, 138);  
box-shadow:4px 4px 4px 4px rgb(68, 189,  
138) }
```

Background

The CSS property to change the background color of an element to Android 4282695050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 189, 138) }
```

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

```
.background{ background-color: rgb(68, 189,  
138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor