

Converting Colors

Android(4283153793)

Have a look what the booklet for
Android(4283153793) contains.

Android(4283153793)	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(4283153793)

Conversions

Conversions Part 1

Format	Color
Hex	4BBD81
RGB	75, 189, 129
RGB Percent	29%, 74%, 51%
CMY	0.7059, 0.2588, 0.4941
CMYK	0.60, 0.00, 0.32, 0.26
HSL	148°, 46%, 52%
HSV	148°, 60%, 74%
XYZ	25.0617, 39.4760, 27.0676
YIQ	148.0740, -48.6840, -42.8280

Conversions

Conversions Part 2

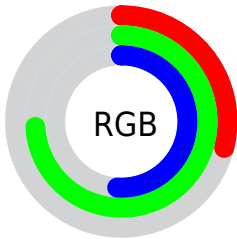
Format	Color
RYB	75, 152, 189
Decimal	4963713
CIELab	69.09, -46.16, 20.96
CIElCh	69, 50.700, 155.581
Yxy	39.4760, 0.2736, 0.4309
Android (android.graphics.Color)	4283153793 (0xFF4BBD81)
YUV	148.0740, -9.4035, -64.0859
Hunter-Lab	62.8300, -38.7521, 18.4384

Details

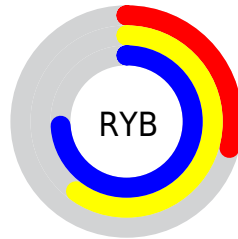
The Android color `4283153793` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290595719`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4287035062`, and `4278224719` is the 20% darker color. If you saturate the color by 10%, you get `4281908599`, and if you desaturate by 10%, it is `4284398987`.

Distribution



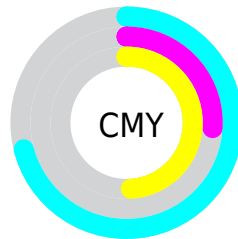
- Red (29%)
- Green (74%)
- Blue (51%)



- Red (29%)
- Yellow (60%)
- Blue (74%)



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283153793 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 4283153793 by changing the saturation by 10% instead.



4283153793



4283153793

4294967295



4280983912



4287035062



4278224719



4288872402



4278218040



4290838510



4278211362



4292739071



4278205196



4294705151



4278199808



4278190080



4283153793



4283153793



4281908599



4284398987

 4280663405

 4285644181

 4279418211

 4286889375

 4278238554

 4288134569

 4289379763

 4290559421

 4291804615

 4293049809

 4294295003

Harmonies

Analogous

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



4287346011



4283153793



4278239408

Triad

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



4283153793



4285049855



4294609270

Complementary

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



4283153793



4290595719

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.



4294869666



4283153793



4290222580

Square

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



4283153793



4278237180



4293429712



4293040469

Rectangle

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



4283153793



4278239183



4293429712



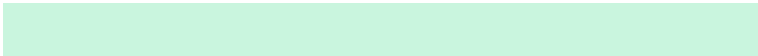
4294870404

Sweetspot

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



4283153793



4291425758



4287151435



4284447340



4294638330



4286216826

Same Dimension

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



4283153793



4282774936



4283153849



4283784793



4278230603



4278198030

Inverse Universe

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



4290595719



4294264225



4290595663



4284372314



4288544851



4280221712

Previews

White Background



This preview shows how the Android color 4283153793 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 4283153793 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 4283153793 Background



This preview shows how black text looks on a background with the Android color 4283153793.



This preview shows how white text looks on a background with the Android color 4283153793.

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

4283153793



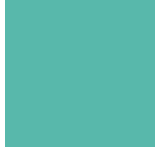
Protanomaly

4287541115



Deuteranomaly

4288129925



Tritanomaly

4284004523

Monochromacy



Original Color

4283153793



Achromatopsia

4287927444



Achromatomaly

4286161805

CSS Examples

Text

The CSS property to change the color of the text to Android 4283153793 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(75, 189, 129)` looks like.

```
.text, #text, p{  
    color:rgb(75, 189, 129)  
}
```

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(75, 189, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 189, 129) }
```

Border

The CSS property to change the border of an element to Android 4283153793 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(75, 189, 129) }
```

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

```
.border{ border-color:rgb(75, 189, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 189, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 189, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 189, 129);  
box-shadow:4px 4px 4px 4px rgb(75, 189,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4283153793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 189, 129) }
```

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

```
.background{ background-color: rgb(75, 189,  
129) }
```

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