

Converting Colors

Android(4284008296)

Have a look what the booklet for
Android(4284008296) contains.

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Color

Android(4284008296)

Conversions

Conversions Part 1

Format	Color
Hex	58C768
RGB	88, 199, 104
RGB Percent	35%, 78%, 41%
CMY	0.6549, 0.2196, 0.5922
CMYK	0.56, 0.00, 0.48, 0.22
HSL	129°, 50%, 56%
HSV	129°, 56%, 78%
XYZ	26.9466, 43.9210, 20.1541
YIQ	154.9810, -35.6610, -53.0770

Conversions

Conversions Part 2

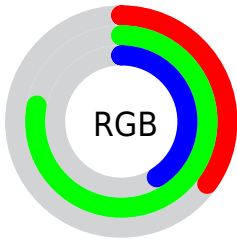
Format	Color
RYB	88, 185, 199
Decimal	5818216
CIELab	72.18, -51.60, 38.05
CIElCh	72, 64.110, 143.598
Yxy	43.9210, 0.2960, 0.4825
Android (android.graphics.Color)	4284008296 (0xFF58C768)
YUV	154.9810, -25.1336, -58.7423
Hunter-Lab	66.2729, -43.3995, 28.3605

Details

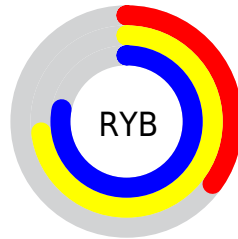
The Android color **4284008296** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **4291254455**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4287823773**, and **4279078966** is the 20% darker color. If you saturate the color by 10%, you get **4282697559**, and if you desaturate by 10%, it is **4285319033**.

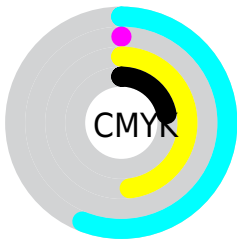
Distribution



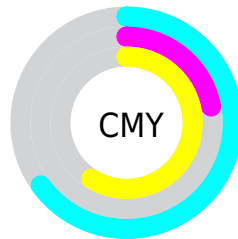
- Red (35%)
- Green (78%)
- Blue (41%)



- Red (35%)
- Yellow (73%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (48%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284008296 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 4284008296 by changing the saturation by 10% instead.



4284008296



4284008296

4294967295



4281969487



4287823773



4279078966



4289724344



4278220317



4291624916



4278213632



4293591025



4278207232



4278201600



4278193664



4278190080




4284008296



4284008296

 4282697559

 4285319033

 4281386822

 4286629770

 4280076085

 4287940507

 4278765348

 4289251244

 4278241053

 4290561981

 4291807182

 4293117919

 4294428656

 4294952959

Harmonies

Analogous

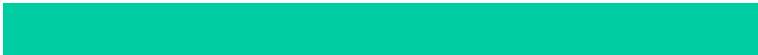
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288920637



4284008296



4278242722

Triad

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



4284008296



4278238207



4294934405

Complementary

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



4284008296



4291254455

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.



4294933696



4284008296



4288522239

Square

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



4284008296



4278241535



4293693175



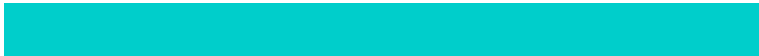
4294939475

Rectangle

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



4284008296



4278243019



4293693175



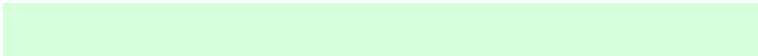
4294933657

Sweetspot

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



4284008296



4292149210



4290299736



4284907626



4278190080



4286611584

Same Dimension

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



4284008296



4283760493



4284008350



4284113755



4278231832



4278199301

Inverse Universe

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



4291254455



4294923494



4291254401



4284701282



4288872588



4280549407

Previews

White Background



This preview shows how the Android color 4284008296 looks on a white background.

Color Contrast Check

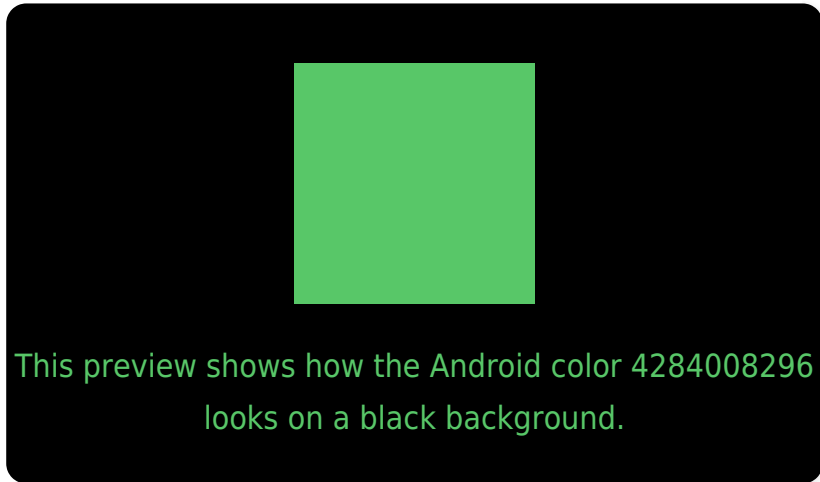
Large Text (above 18pt) WCAG AA × Fail

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

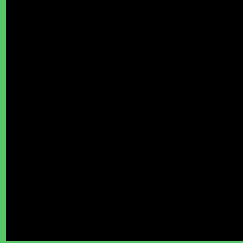
Any Text WCAG AA ✓ Pass

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 4284008296 Background



This preview shows how black text looks on a background with the Android color 4284008296.



This preview shows how white text looks on a background with the Android color 4284008296.

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

4284008296



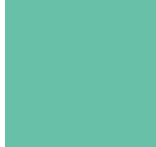
Protanomaly

4288395363



Deuteranomaly

4289180525



Tritanomaly

4284989607

Monochromacy



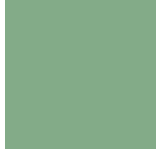
Original Color

4284008296



Achromatopsia

4288387995



Achromatomaly

4286819208

CSS Examples

Text

The CSS property to change the color of the text to Android 4284008296 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(88, 199, 104)` looks like.

```
.text, #text, p{  
    color:rgb(88, 199, 104)  
}
```

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(88, 199, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 199, 104) }
```

Border

The CSS property to change the border of an element to Android 4284008296 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(88, 199, 104) }
```

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

```
.border{ border-color:rgb(88, 199, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 199, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 199, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 199, 104);  
box-shadow:4px 4px 4px 4px rgb(88, 199,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4284008296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 199, 104) }
```

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

```
.background{ background-color: rgb(88, 199,  
104) }
```

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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