

Converting Colors

Android(4280651865)

Have a look what the booklet for
Android(4280651865) contains.

Android(4280651865)	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(4280651865)

Conversions

Conversions Part 1

Format	Color
Hex	259059
RGB	37, 144, 89
RGB Percent	15%, 56%, 35%
CMY	0.8549, 0.4353, 0.6510
CMYK	0.74, 0.00, 0.38, 0.44
HSL	149°, 59%, 35%
HSV	149°, 74%, 56%
XYZ	12.5394, 21.0611, 12.8555
YIQ	105.7370, -46.1170, -39.7890

Conversions

Conversions Part 2

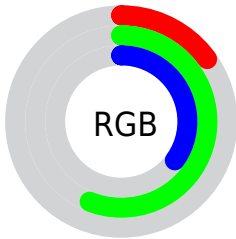
Format	Color
R_{YB}	37, 109, 144
Decimal	2461785
CIE _{Lab}	53.02, -42.95, 20.88
CIE _{LCh}	53, 47.754, 154.075
Y _{xy}	21.0611, 0.2699, 0.4534
Android (android.graphics.Color)	4280651865 (0xFF259059)
YUV	105.7370, -8.2513, -60.2823
Hunter-Lab	45.8924, -31.5393, 15.5162

Details

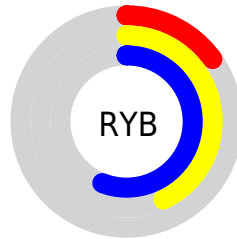
The Android color `4280651865` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287636828`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4284663691`, and `4278213675` is the 20% darker color. If you saturate the color by 10%, you get `4279734354`, and if you desaturate by 10%, it is `4281569376`.

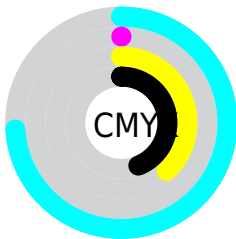
Distribution



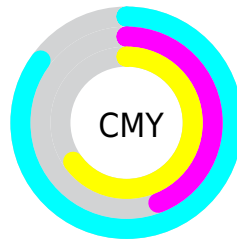
- Red (15%)
- Green (56%)
- Blue (35%)



- Red (15%)
- Yellow (43%)
- Blue (56%)



- Cyan (74%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)



- Cyan (85%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280651865 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 4280651865 by changing the saturation by 10% instead.



4280651865



4280651865

4294967295



4278220353



4284663691



4278213675



4286505894



4278207509



4288348097



4278201600



4290248669



4278194688



4292149242



4278190080



4294115327



4280651865



4280651865



4279734354



4281569376

■ 4278751306

■ 4282552424

■ 4278227014

■ 4283469935

■ 4284452983

■ 4285370494

■ 4286288005

■ 4287271053

■ 4288188564

■ 4289171612

Harmonies

Analogous

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



4284844343



4280651865



4278227843

Triad

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



4280651865



4281565648



4291190867

Complementary

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



4280651865



4287636828

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.



4291385723



4280651865



4287132099

Square

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



4280651865



4278226120



4290077091



4289818420

Rectangle

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



4280651865



4278227615



4290077091



4291386719

Sweetspot

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



4280651865



4287740581



4284256293



4282801746



4292796126



4284374622

Same Dimension

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



4280651865



4279548517



4280651918



4282402628



4278224706



4278192132

Inverse Universe

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



4287636828



4290385002



4287636775



4282859588



4287037509



4278714372

Previews

White Background



This preview shows how the Android color 4280651865 looks on a white background.

Color Contrast Check

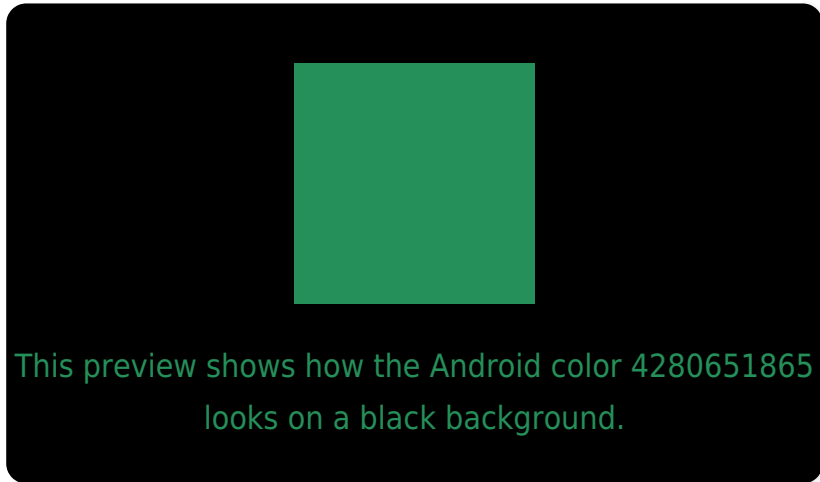
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280651865 Background



This preview shows how black text looks on a background with the Android color 4280651865.



This preview shows how white text looks on a background with the Android color 4280651865.

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



Original Color
4280651865

Protanopia
4287200850

Deuteranopia
4287920478

Trichromacy



Original Color

4280651865



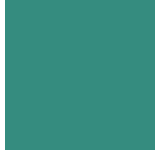
Protanomaly

4284843349



Deuteranomaly

4285301084



Tritanomaly

4281699455

Monochromacy



Original Color

4280651865



Achromatopsia

4285164138



Achromatomaly

4283529316

CSS Examples

Text

The CSS property to change the color of the text to Android 4280651865 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(37, 144, 89)` looks like.

```
.text, #text, p{  
    color:rgb(37, 144, 89)  
}
```

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(37, 144, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 144, 89) }
```

Border

The CSS property to change the border of an element to Android 4280651865 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(37, 144, 89) }
```

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

```
.border{ border-color:rgb(37, 144, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 144, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 144, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 144, 89);  
box-shadow:4px 4px 4px 4px rgb(37, 144,  
89) }
```

Background

The CSS property to change the background color of an element to Android 4280651865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 144, 89) }
```

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

```
.background{ background-color: rgb(37, 144,  
89) }
```

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