

Converting Colors

Android(4280920160)

Have a look what the booklet for
Android(4280920160) contains.

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Color

Android(4280920160)

Conversions

Conversions Part 1

Format	Color
Hex	29A860
RGB	41, 168, 96
RGB Percent	16%, 66%, 38%
CMY	0.8392, 0.3412, 0.6235
CMYK	0.76, 0.00, 0.43, 0.34
HSL	146°, 61%, 41%
HSV	146°, 76%, 66%
XYZ	17.0284, 29.3212, 15.8284
YIQ	121.8190, -52.5800, -49.3160

Conversions

Conversions Part 2

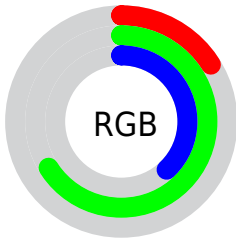
Format	Color
R_{YB}	41, 130, 168
Decimal	2730080
CIE _{Lab}	61.06, -50.30, 27.71
CIE _{LCh}	61, 57.429, 151.153
Yxy	29.3212, 0.2739, 0.4716
Android (android.graphics.Color)	4280920160 (0xFF29A860)
YUV	121.8190, -12.7288, -70.8783
Hunter-Lab	54.1491, -38.6275, 20.5732

Details

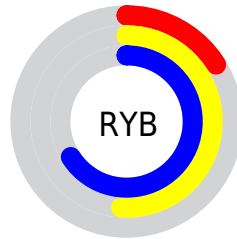
The Android color `4280920160` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289210737`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4285194387`, and `4278219568` is the 20% darker color. If you saturate the color by 10%, you get `4279806038`, and if you desaturate by 10%, it is `4282034282`.

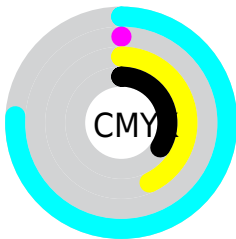
Distribution



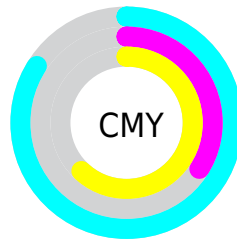
- Red (16%)
- Green (66%)
- Blue (38%)



- Red (16%)
- Yellow (51%)
- Blue (66%)



- Cyan (76%)
- Magenta (0%)
- Yellow (43%)
- Black (34%)



- Cyan (84%)
- Magenta (34%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280920160 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 4280920160 by changing the saturation by 10% instead.

 4280920160

 4280920160

4294967295

 4278226248

 4285194387

 4278219568

 4287102382

 4278212889

 4289003466

 4278206465

 4290904038

 4278201088

 4292870143

 4278191872

4294836223

 4278190080

 4280920160

 4280920160

 4279806038

 4282034282

■ 4278691917

■ 4283148403

■ 4278233161

■ 4284196989

■ 4285311110

■ 4286425232

■ 4287539353

■ 4288653475

■ 4289702060

■ 4290816182

Harmonies

Analogous

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



4286160950



4280920160



4278234260

Triad

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



4280920160



4278229241



4293684066

Complementary

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



4280920160



4289210737

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.



4293813396



4280920160



4288120299

Square

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



4280920160



4278232556



4291981509



4292116025

Rectangle

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



4280920160



4278234294



4291981509



4293945202

Sweetspot

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



4280920160



4289321919



4285769769



4283395676



4293783021



4285427310

Same Dimension

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



4280920160



4279556970



4280920221



4283192399



4278228032



4278195209

Inverse Universe

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



4289210737



4292547717



4289210676



4283714641



4287889492



4279500812

Previews

White Background



This preview shows how the Android color 4280920160 looks on a white background.

Color Contrast Check

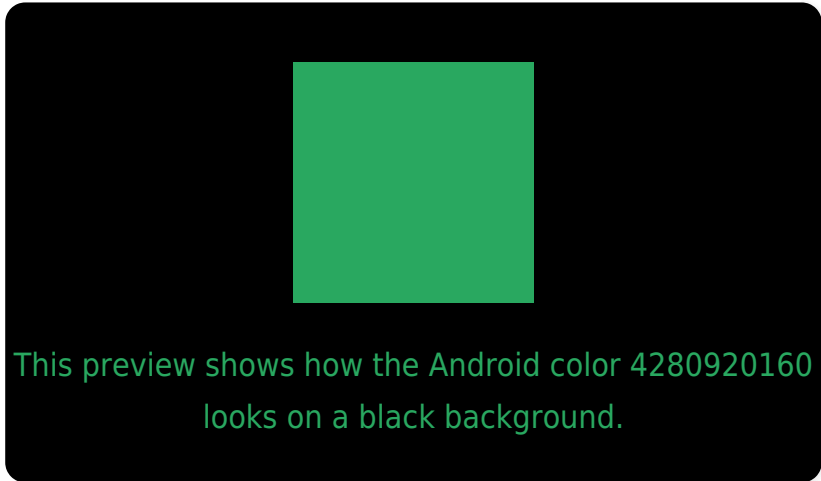
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280920160 Background



This preview shows how black text looks on a background with the Android color 4280920160.



This preview shows how white text looks on a background with the Android color 4280920160.

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

4280920160



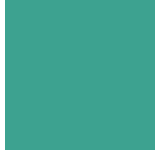
Protanomaly

4285897307



Deuteranomaly

4286486116



Tritanomaly

4282229392

Monochromacy



Original Color

4280920160



Achromatopsia

4286216826



Achromatomaly

4284320625

CSS Examples

Text

The CSS property to change the color of the text to Android 4280920160 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(41, 168, 96)` looks like.

```
.text, #text, p{  
    color:rgb(41, 168, 96)  
}
```

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(41, 168, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 168, 96) }
```

Border

The CSS property to change the border of an element to Android 4280920160 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(41, 168, 96) }
```

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

```
.border{ border-color:rgb(41, 168, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 168, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 168, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 168, 96);  
box-shadow:4px 4px 4px 4px rgb(41, 168,  
96) }
```

Background

The CSS property to change the background color of an element to Android 4280920160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 168, 96) }
```

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

```
.background{ background-color: rgb(41, 168,  
96) }
```

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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