

Converting Colors

Android(4280140896)

Have a look what the booklet for
Android(4280140896) contains.

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Color

Android(4280140896)

Conversions

Conversions Part 1	
Format	Color
Hex	1DC460
RGB	29, 196, 96
RGB Percent	11%, 77%, 38%
CMY	0.8863, 0.2314, 0.6235
CMYK	0.85, 0.00, 0.51, 0.23
HSL	144°, 74%, 44%
HSV	144°, 85%, 77%
XYZ	22.3579, 40.5856, 17.7218
YIQ	134.6670, -67.4320, -66.5040

Conversions

Conversions Part 2

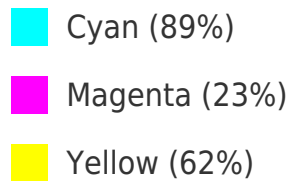
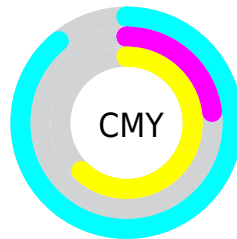
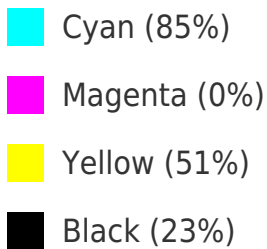
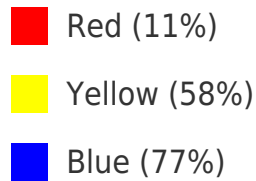
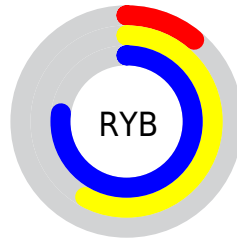
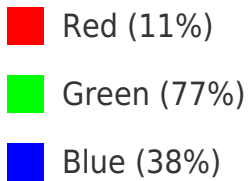
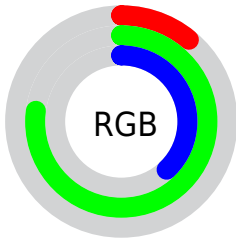
Format	Color
RYB	29, 148, 196
Decimal	1950816
CIELab	69.88, -61.54, 38.88
CIELCh	70, 72.794, 147.717
Yxy	40.5856, 0.2772, 0.5031
Android (android.graphics.Color)	4280140896 (0xFF1DC460)
YUV	134.6670, -19.0628, -92.6700
Hunter-Lab	63.7068, -48.8423, 28.1017

Details

The Android color **4280140896** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **4291042689**, and the grayscale version is **4287072135**.

A 20% lighter version of the original color is **4285267604**, and **4278226222** is the 20% darker color. If you saturate the color by 10%, you get **4278830164**, and if you desaturate by 10%, it is **4281451628**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4280140896 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 4280140896 by changing the saturation by 10% instead.

 4280140896

 4280140896

4294967295

 4278233159

 4285267604

 4278226222

 4287299504

 4278219284

 4289331147

 4278212608

 4291297256

 4278206208

 4293328895

 4278200320

 4278190080

 4280140896

 4280140896

 4278830164

 4281451628

 4278240335

 4282696823

 4284007555


 4285252751

 4286563483

 4287874214

 4289119410

 4290430142

 4291675338

Harmonies

Analogous

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



4287609124



4280140896



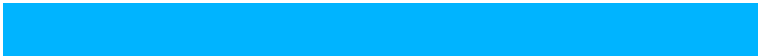
4278241699

Triad

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



4280140896



4278236415



4294930801

Complementary

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



4280140896



4291042689

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.



4294928819



4280140896



4288715775

Square

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



4280140896



4278240255



4294278642



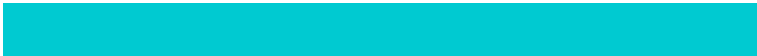
4294937656

Rectangle

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



4280140896



4278242001



4294278642



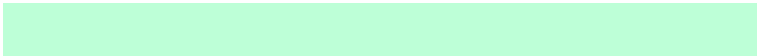
4294929287

Sweetspot

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



4280140896



4290641879



4286694429



4283990120



4278190080



4286611584

Same Dimension

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



4280140896



4278255462



4280140979



4283916635



4278231360



4278198541

Inverse Universe

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



4291042689



4294901913



4291042606



4284569437



4288741472



4280352788

Previews

White Background



This preview shows how the Android color 4280140896 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 4280140896 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 4280140896 Background



This preview shows how black text looks on a background with the Android color 4280140896.



This preview shows how white text looks on a background with the Android color 4280140896.

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

4280140896

Protanopia

4290488663

Deuteranopia

4291666537

Trichromacy



Original Color
4280140896



Protanomaly
4286755674



Deuteranomaly
4287475302



Tritanomaly
4282236322

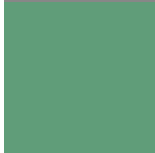
Monochromacy



Original Color
4280140896



Achromatopsia
4287072135



Achromatomaly
4284521849

CSS Examples

Text

The CSS property to change the color of the text to Android 4280140896 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(29, 196, 96)` looks like.

```
.text, #text, p{  
    color:rgb(29, 196, 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(29, 196, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 196, 96) }
```

Border

The CSS property to change the border of an element to Android 4280140896 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(29, 196, 96) }
```

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

```
.border{ border-color:rgb(29, 196, 96) }
```

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

Here you see how a box with a 4 pixel rgb(29, 196, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 196, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 196, 96);  
box-shadow:4px 4px 4px 4px rgb(29, 196,  
96) }
```

Background

The CSS property to change the background color of an element to Android 4280140896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 196, 96) }
```

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

```
.background{ background-color: rgb(29, 196,  
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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