

Converting Colors

Android(4280511030)

Have a look what the booklet for
Android(4280511030) contains.

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Color

Android(4280511030)

Conversions

Conversions Part 1

Format	Color
Hex	236A36
RGB	35, 106, 54
RGB Percent	14%, 42%, 21%
CMY	0.8627, 0.5843, 0.7882
CMYK	0.67, 0.00, 0.49, 0.58
HSL	136°, 50%, 28%
HSV	136°, 67%, 42%
XYZ	6.5130, 10.9317, 5.2568
YIQ	78.8430, -25.6240, -31.2240

Conversions

Conversions Part 2

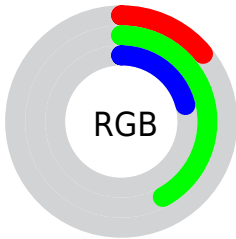
Format	Color
RYB	35, 91, 106
Decimal	2320950
CIELab	39.47, -34.47, 22.80
CIElCh	39, 41.329, 146.512
Yxy	10.9317, 0.2869, 0.4815
Android (android.graphics.Color)	4280511030 (0xFF236A36)
YUV	78.8430, -12.2476, -38.4503
Hunter-Lab	33.0632, -22.6983, 13.7176

Details

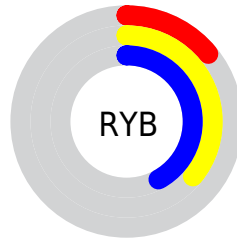
The Android color `4280511030` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285145943`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4284063334`, and `4278204937` is the 20% darker color. If you saturate the color by 10%, you get `4279790126`, and if you desaturate by 10%, it is `4281231934`.

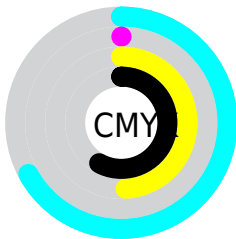
Distribution



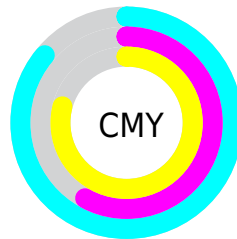
- Red (14%)
- Green (42%)
- Blue (21%)



- Red (14%)
- Yellow (36%)
- Blue (42%)



- Cyan (67%)
- Magenta (0%)
- Yellow (49%)
- Black (58%)



- Cyan (86%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280511030 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 4280511030 by changing the saturation by 10% instead.

 4280511030

 4280511030

4294967295

 4278210848

 4284063334

 4278204937


 4285774207

 4278199552

 4287550873

 4278190080

 4289327796

 4291231696

 4293066732

 4280511030

 4280511030

 4279790126

 4281231934

■ 4279134758

■ 4281887302

■ 4278413855

■ 4282608205

■ 4278217244

■ 4283263573

■ 4283984477

■ 4284705381

■ 4285360748

■ 4286081652

■ 4286737020

Harmonies

Analogous

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



4283524123



4280511030



4278218072

Triad

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



4280511030



4278215328



4288233793

Complementary

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



4280511030



4285145943

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.



4288101986



4280511030



4283913881

Square

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



4280511030



4278217365



4286728067



4287319333

Rectangle

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



4280511030



4278218095



4286728067



4288298572

Sweetspot

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



4280511030



4285434486



4283918883



4281615673



4291085508



4282729797

Same Dimension

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



4280511030



4280060473



4280511065



4281349682



4278220063



4278252866

Inverse Universe

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



4285145943



4287241324



4285145908



4281741364



4285857878



4294246579

Previews

White Background



This preview shows how the Android color 4280511030 looks on a white background.

Color Contrast Check

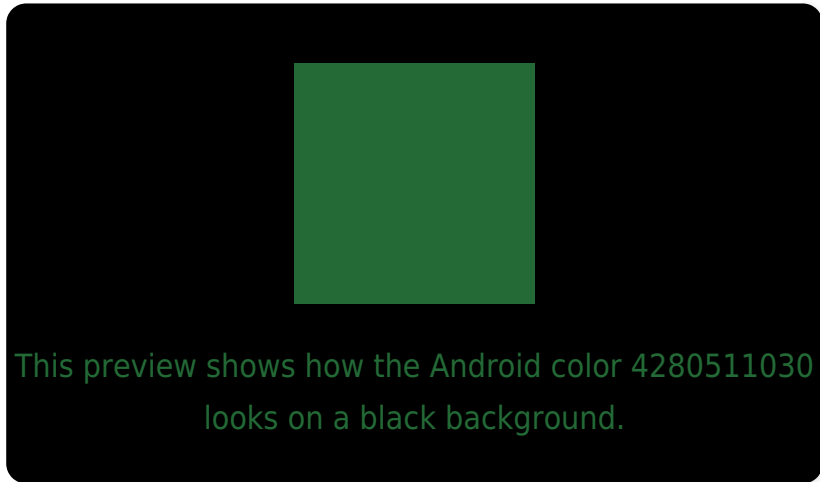
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4280511030 Background



This preview shows how black text looks on a background with the Android color 4280511030.



This preview shows how white text looks on a background with the Android color 4280511030.

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

4280511030

Protanopia

4284898609

Deuteranopia

4285552698

Trichromacy



Original Color
4280511030

Protanomaly
4283327027

Deuteranomaly
4283719481

Tritanomaly
4281230936

Monochromacy



Original Color
4280511030

Achromatopsia
4283387727

Achromatomaly
4282341702

CSS Examples

Text

The CSS property to change the color of the text to Android 4280511030 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(35, 106, 54)` looks like.

```
.text, #text, p{  
    color:rgb(35, 106, 54)  
}
```

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(35, 106, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 106, 54) }
```

Border

The CSS property to change the border of an element to Android 4280511030 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(35, 106, 54) }
```

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

```
.border{ border-color:rgb(35, 106, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 106, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 106, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 106, 54);  
box-shadow:4px 4px 4px 4px rgb(35, 106,  
54) }
```

Background

The CSS property to change the background color of an element to Android 4280511030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 106, 54) }
```

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

```
.background{ background-color: rgb(35, 106,  
54) }
```

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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