

Converting Colors

Android(4280511041)

Have a look what the booklet for
Android(4280511041) contains.

Android(4280511041)	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(4280511041)

Conversions

Conversions Part 1

Format	Color
Hex	236A41
RGB	35, 106, 65
RGB Percent	14%, 42%, 25%
CMY	0.8627, 0.5843, 0.7451
CMYK	0.67, 0.00, 0.39, 0.58
HSL	145°, 50%, 28%
HSV	145°, 67%, 42%
XYZ	6.8013, 11.0470, 6.7749
YIQ	80.0970, -29.1550, -27.8030

Conversions

Conversions Part 2

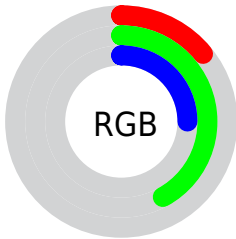
Format	Color
RYB	35, 85, 106
Decimal	2320961
CIELab	39.66, -32.33, 16.71
CIElCh	40, 36.395, 152.664
Yxy	11.0470, 0.2762, 0.4486
Android (android.graphics.Color)	4280511041 (0xFF236A41)
YUV	80.0970, -7.4428, -39.5501
Hunter-Lab	33.2371, -21.6385, 11.1806

Details

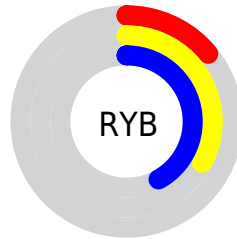
The Android color `4280511041` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4285145932`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4283997809`, and `4278204949` is the 20% darker color. If you saturate the color by 10%, you get `4279790139`, and if you desaturate by 10%, it is `4281231943`.

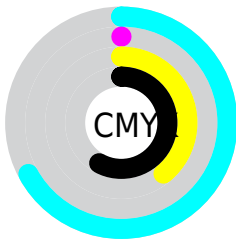
Distribution



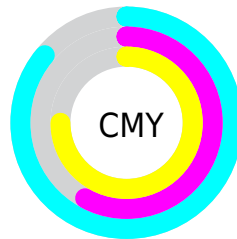
- Red (14%)
- Green (42%)
- Blue (25%)



- Red (14%)
- Yellow (33%)
- Blue (42%)



- Cyan (67%)
- Magenta (0%)
- Yellow (39%)
- Black (58%)



- Cyan (86%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280511041 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 4280511041 by changing the saturation by 10% instead.

 4280511041

 4280511041

4294967295

 4278210859

 4283997809

 4278204949


 4285774219

 4278199552

 4287550885

 4278190080

 4289327808

 4291166172

 4293066745

 4280511041

 4280511041

 4279790139

 4281231943

■ 4279134773

■ 4281887309

■ 4278413871

■ 4282608211

■ 4278217261

■ 4283263577

■ 4283984480

■ 4284705382

■ 4285360748

■ 4286081650

■ 4286737016

Harmonies

Analogous

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



4283262249



4280511041



4278217823

Triad

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



4280511041



4280770713



4287776575

Complementary

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



4280511041



4285145932

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.



4287841116



4280511041



4284634512

Square

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



4280511041



4278216850



4286859641



4286861864

Rectangle

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



4280511041



4278217843



4286859641



4287907144

Sweetspot

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



4280511041



4285434490



4283197987



4281615675



4291085508



4282729797

Same Dimension

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



4280511041



4280060490



4280511076



4281349682



4278220082



4278252903

Inverse Universe

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



4285145932



4287241307



4285145897



4281741363



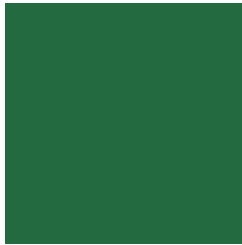
4285857860



4294246541

Previews

White Background



This preview shows how the Android color 4280511041 looks on a white background.

Color Contrast Check

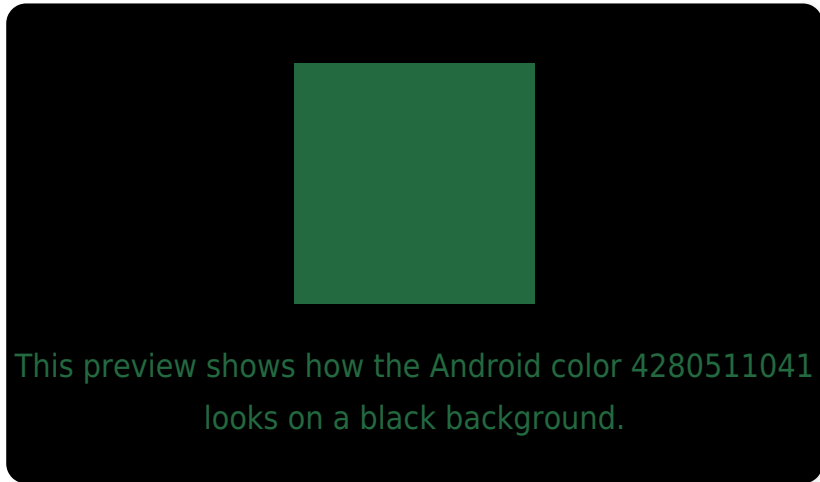
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280511041 Background



This preview shows how black text looks on a background with the Android color 4280511041.



This preview shows how white text looks on a background with the Android color 4280511041.

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
4280511041

Protanopia
4284833084

Deuteranopia
4285421893

Trichromacy



Original Color
4280511041

Protanomaly
4283261502

Deuteranomaly
4283653956

Tritanomaly
4281165661

Monochromacy



Original Color
4280511041

Achromatopsia
4283453520

Achromatomaly
4282407243

CSS Examples

Text

The CSS property to change the color of the text to Android 4280511041 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, 65)` looks like.

```
.text, #text, p{  
    color:rgb(35, 106, 65)  
}
```

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, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 106, 65) }
```

Border

The CSS property to change the border of an element to Android 4280511041 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, 65) }
```

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

```
.border{ border-color:rgb(35, 106, 65) }
```

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, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 106, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 106, 65);  
box-shadow:4px 4px 4px 4px rgb(35, 106,  
65) }
```

Background

The CSS property to change the background color of an element to Android 4280511041 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, 65) }
```

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

```
.background{ background-color: rgb(35, 106,  
65) }
```

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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