

Converting Colors

Android(4280641536)

Have a look what the booklet for
Android(4280641536) contains.

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Color

Android(4280641536)

Conversions

Conversions Part 1

Format	Color
Hex	256800
RGB	37, 104, 0
RGB Percent	15%, 41%, 0%
CMY	0.8549, 0.5922, 1.0000
CMYK	0.64, 0.00, 1.00, 0.59
HSL	99°, 100%, 20%
HSV	99°, 100%, 41%
XYZ	5.7133, 10.2939, 1.6858
YIQ	72.1110, -6.5480, -46.5480

Conversions

Conversions Part 2

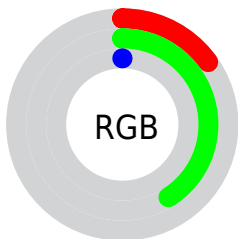
Format	Color
RYB	0, 104, 67
Decimal	2451456
CIELab	38.36, -38.47, 43.88
CIELCh	38, 58.358, 131.237
Yxy	10.2939, 0.3229, 0.5818
Android (android.graphics.Color)	4280641536 (0xFF256800)
YUV	72.1110, -35.5507, -30.7923
Hunter-Lab	32.0842, -24.3616, 19.3436

Details

The Android color `4280641536` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4282581096`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4284259386`, and `4278204416` is the 20% darker color. If you saturate the color by 10%, you get `4280641536`, and if you desaturate by 10%, it is `4281100298`.

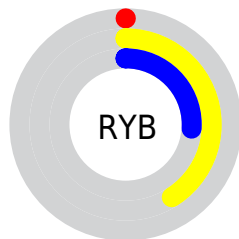
Distribution



Red (15%)

Green (41%)

Blue (0%)



Red (0%)

Yellow (41%)

Blue (26%)

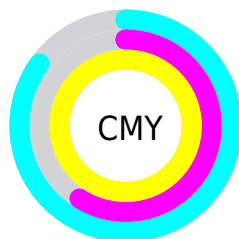


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (85%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280641536 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 4280641536 by changing the saturation by 10% instead.

 4280641536

 4280641536

 4294967287

 4278210304

 4284259386

 4278204416

 4286035795

 4278199296

 4287812461

 4278190080

 4289654919

 4291559330

 4293459902

 4294967258

 4280641536

■ 4281100298

■ 4281493525

■ 4281952287

■ 4282411050

■ 4282869812

■ 4283263038

■ 4283721801

■ 4284180563

■ 4284573790

Harmonies

Analogous

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



4284374528



4280641536



4278218042

Triad

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



4280641536



4278216884



4289470283

Complementary

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



4280641536



4282581096

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.



4288555386



4280641536



4278213304

Square

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



4280641536



4278218392



4285613218



4288820509

Rectangle

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



4280641536



4278218587



4285613218



4289404506

Sweetspot

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



4280641536



4285368159



4285022720



4281681196



4291085508



4282729797

Same Dimension

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



4280641536



4281370368



4278216718



4281348910



4280906496



4283888128

Inverse Universe

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



4282581096



4283891847



4285005914



4281413171



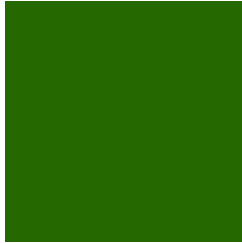
4283039859



4288413938

Previews

White Background



This preview shows how the Android color 4280641536 looks on a white background.

Color Contrast Check

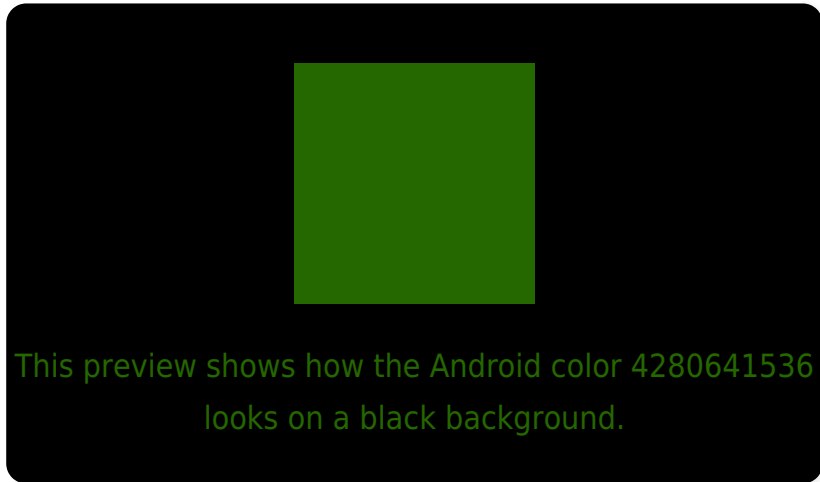
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280641536 Background



This preview shows how black text looks on a background with the Android color 4280641536.



This preview shows how white text looks on a background with the Android color 4280641536.

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
4280641536

Protanopia
4284897792

Deuteranopia
4285617430

Trichromacy



Original Color
4280641536

Protanomaly
4283326208

Deuteranomaly
4283784206

Tritanomaly
4281427010

Monochromacy



Original Color
4280641536

Achromatopsia
4282927176

Achromatomaly
4282078254

CSS Examples

Text

The CSS property to change the color of the text to Android 4280641536 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, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 104, 0)  
}
```

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, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 104, 0) }
```

Border

The CSS property to change the border of an element to Android 4280641536 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, 104, 0) }
```

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

```
.border{ border-color:rgb(37, 104, 0) }
```

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

Here you see how a box with a 4 pixel rgb(37, 104, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(37, 104, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4280641536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 104, 0) }
```

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

```
.background{ background-color: rgb(37, 104,  
0) }
```

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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