

Converting Colors

Android(4280836436)

Have a look what the booklet for
Android(4280836436) contains.

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Color

Android(4280836436)

Conversions

Conversions Part 1

Format	Color
Hex	286154
RGB	40, 97, 84
RGB Percent	16%, 38%, 33%
CMY	0.8431, 0.6196, 0.6706
CMYK	0.59, 0.00, 0.13, 0.62
HSL	166°, 42%, 27%
HSV	166°, 59%, 38%
XYZ	6.7500, 9.6406, 9.8926
YIQ	78.4750, -29.7990, -16.1270

Conversions

Conversions Part 2

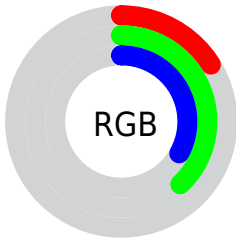
Format	Color
R_{YB}	40, 72, 97
Decimal	2646356
CIE _{Lab}	37.19, -22.21, 1.80
CIE _{LCh}	37, 22.280, 175.379
Yxy	9.6406, 0.2568, 0.3668
Android (android.graphics.Color)	4280836436 (0xFF286154)
YUV	78.4750, 2.7238, -33.7426
Hunter-Lab	31.0493, -15.5311, 2.8442




Details

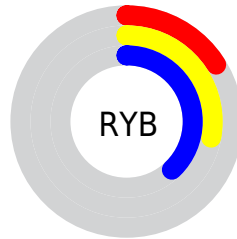
The Android color `4280836436` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284557365`, and the grayscale version is `4283321934`.




A 20% lighter version of the original color is `4284191877`, and `4278202919` is the 20% darker color. If you saturate the color by 10%, you get `4280181074`, and if you desaturate by 10%, it is `4281491798`.

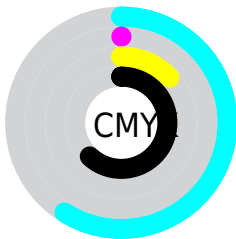
Distribution







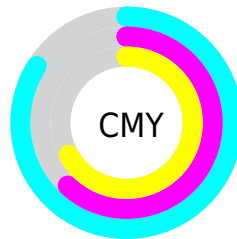
-  Red (16%)
-  Green (38%)
-  Blue (33%)






-  Red (16%)
-  Yellow (28%)
-  Blue (38%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (13%)
-  Black (62%)



-  Cyan (84%)
-  Magenta (62%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280836436 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 4280836436 by changing the saturation by 10% instead.



4280836436



4280836436

4294967295



4278929725



4284191877



4278202919



4285902752



4278197779



4287679163



4278190080



4289456086



4291297267



4293132287



4280836436



4280836436



4280181074



4281491798

■ 4279591248

■ 4282081624

■ 4278935885

■ 4282736987

■ 4278280523

■ 4283392349

■ 4278214987

■ 4284047711

■ 4284637537

■ 4285292899

■ 4285948262

■ 4286538088

Harmonies

Analogous

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



4282343235



4280836436



4279460198

Triad

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



4280836436



4283847800



4285812539

Complementary

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



4280836436



4284557365

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.



4286270281



4280836436



4285288044

Square

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



4280836436



4281948795



4286073435



4284896564

Rectangle

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



4280836436



4279591024



4286073435



4286008639

Sweetspot

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



4280836436



4284906872



4281688360



4281483325



4290756543



4282400832

Same Dimension

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



4280836436



4280581481



4280832609



4281085999



4278218839



4278251705

Inverse Universe

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



4284557365



4286391352



4284561192



4281347117



4285530138



4293918775

Previews

White Background



This preview shows how the Android color 4280836436 looks on a white background.

Color Contrast Check

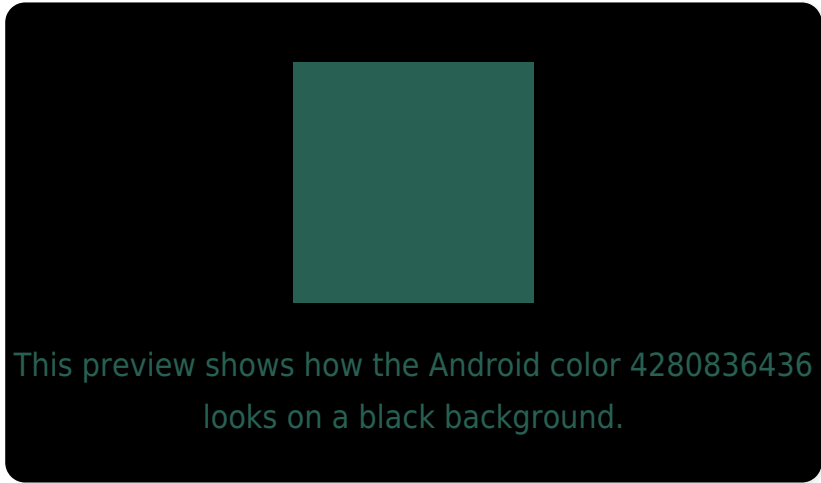
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4280836436 Background



This preview shows how black text looks on a background with the Android color 4280836436.



This preview shows how white text looks on a background with the Android color 4280836436.

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

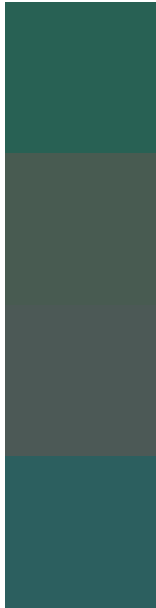


Original Color
4280836436

Protanopia
4284176207

Deuteranopia
4284503127

Trichromacy



Original Color
4280836436

Protanomaly
4282932049

Deuteranomaly
4283193686

Tritanomaly
4281098079

Monochromacy



Original Color
4280836436

Achromatopsia
4283321934

Achromatomaly
4282406224

CSS Examples

Text

The CSS property to change the color of the text to Android 4280836436 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(40, 97, 84)` looks like.

```
.text, #text, p{  
    color:rgb(40, 97, 84)  
}
```

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(40, 97, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 97, 84) }
```

Border

The CSS property to change the border of an element to Android 4280836436 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(40, 97, 84) }
```

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

```
.border{ border-color:rgb(40, 97, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 97, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 97, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 97, 84);  
box-shadow:4px 4px 4px 4px rgb(40, 97, 84)  
}
```

Background

The CSS property to change the background color of an element to Android 4280836436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 97, 84) }
```

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

```
.background{ background-color: rgb(40, 97,  
84) }
```

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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