

Converting Colors

Android(4280102986)

Have a look what the booklet for
Android(4280102986) contains.

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Color

Android(4280102986)

Conversions

Conversions Part 1

Format	Color
Hex	1D304A
RGB	29, 48, 74
RGB Percent	11%, 19%, 29%
CMY	0.8863, 0.8118, 0.7098
CMYK	0.61, 0.35, 0.00, 0.71
HSL	215°, 44%, 20%
HSV	215°, 61%, 29%
XYZ	2.7997, 2.8695, 6.8849
YIQ	45.2830, -19.6700, 4.0580

Conversions

Conversions Part 2

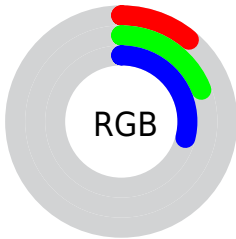
Format	Color
RYB	29, 42, 74
Decimal	1912906
CIELab	19.51, 1.34, -18.45
CIElCh	20, 18.497, 274.156
Yxy	2.8695, 0.2230, 0.2286
Android (android.graphics.Color)	4280102986 (0xFF1D304A)
YUV	45.2830, 14.1575, -14.2802
Hunter-Lab	16.9397, -0.1431, -12.2398

Details

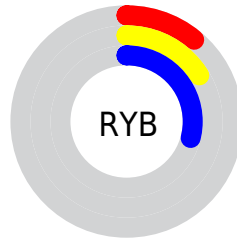
The Android color **4280102986** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4283053853**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4283260539**, and **4278190622** is the 20% darker color. If you saturate the color by 10%, you get **4279643210**, and if you desaturate by 10%, it is **4280562762**.

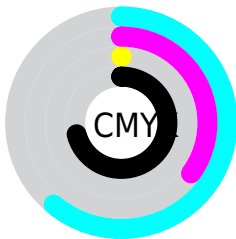
Distribution



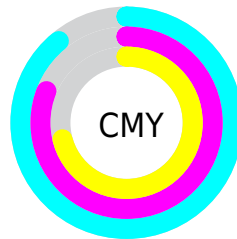
- Red (11%)
- Green (19%)
- Blue (29%)



- Red (11%)
- Yellow (16%)
- Blue (29%)



- Cyan (61%)
- Magenta (35%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (81%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280102986 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 4280102986 by changing the saturation by 10% instead.

■ 4280102986

■ 4280102986

4294967295

■ 4278459187

■ 4283260539

■ 4278190622

■ 4284905109

■ 4278190081

■ 4286550191

■ 4278190080

■ 4288326347

■ 4290103015

■ 4291945215

■ 4293787391

■ 4280102986

■ 4280102986

■ 4279643210

■ 4280562762

■ 4279117642

■ 4281088330

■ 4278657866

■ 4281548106

■ 4278198090

■ 4282073418

■ 4282533194

■ 4282993226

■ 4283518538

■ 4283978314

■ 4284503626

Harmonies

Analogous

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



4278203463



4280102986



4281543494

Triad

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



4280102986



4282918433



4279645475

Complementary

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



4280102986



4283053853

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.



4280824600



4280102986



4282460695

Square

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



4280102986



4282917934



4281741076



4278203953

Rectangle

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



4280102986



4282263615



4281741076



4280104223

Sweetspot

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



4280102986



4283389793



4280109622



4280691248



4289769648



4281348144

Same Dimension

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



4280102986



4279908449



4280294730



4280427558



4278201190



4278215142

Inverse Universe

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



4283047216



4284553784



4282862109



4280689188



4284874795



4293263457

Previews

White Background



This preview shows how the Android color 4280102986 looks on a white background.

Color Contrast Check

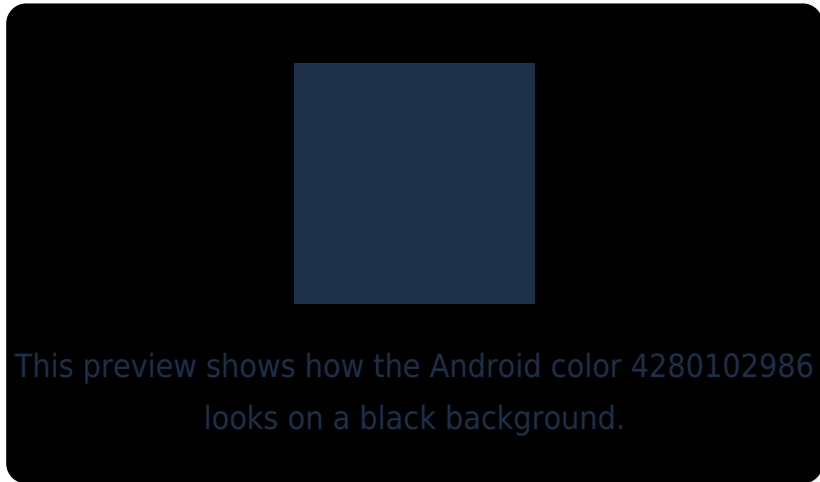
Large Text (above 18pt) WCAG AA ✓ Pass

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

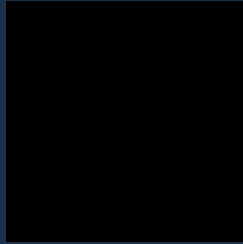
Any Text WCAG AA × Fail

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 4280102986 Background



This preview shows how black text looks on a background with the Android color 4280102986.



This preview shows how white text looks on a background with the Android color 4280102986.

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

4280102986

Protanopia

4280692297

Deuteranopia

4280364874

Trichromacy



Original Color

4280102986

Protanomaly

4280495945

Deuteranomaly

4280299338

Tritanomaly

4279776063

Monochromacy



Original Color

4280102986

Achromatopsia

4281150765

Achromatomaly

4280757816

CSS Examples

Text

The CSS property to change the color of the text to Android 4280102986 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, 48, 74)` looks like.

```
.text, #text, p{  
    color:rgb(29, 48, 74)  
}
```

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, 48, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 48, 74) }
```

Border

The CSS property to change the border of an element to Android 4280102986 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, 48, 74) }
```

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

```
.border{ border-color:rgb(29, 48, 74) }
```

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

Here you see how a box with a 4 pixel rgb(29, 48, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 48, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 48, 74);  
box-shadow:4px 4px 4px 4px rgb(29, 48, 74)  
}
```

Background

The CSS property to change the background color of an element to Android 4280102986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 48, 74) }
```

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

```
.background{ background-color: rgb(29, 48,  
74) }
```

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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