

Converting Colors

Android(4280103016)

Have a look what the booklet for
Android(4280103016) contains.

Android(4280103016)	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(4280103016)

Conversions

Conversions Part 1

Format	Color
Hex	1D3068
RGB	29, 48, 104
RGB Percent	11%, 19%, 41%
CMY	0.8863, 0.8118, 0.5922
CMYK	0.72, 0.54, 0.00, 0.59
HSL	225°, 56%, 26%
HSV	225°, 72%, 41%
XYZ	4.0623, 3.3746, 13.5340
YIQ	48.7030, -29.3000, 13.3880

Conversions

Conversions Part 2

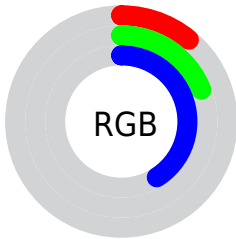
Format	Color
RYB	29, 44, 104
Decimal	1912936
CIELab	21.49, 13.24, -35.18
CIELCh	21, 37.591, 290.623
Yxy	3.3746, 0.1937, 0.1609
Android (android.graphics.Color)	4280103016 (0xFF1D3068)
YUV	48.7030, 27.2614, -17.2795
Hunter-Lab	18.3701, 7.3257, -30.8223

Details

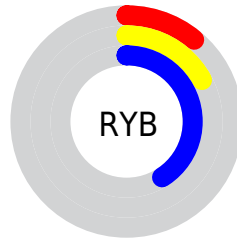
The Android color **4280103016** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4285027613**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4283653788**, and **4278190136** is the 20% darker color. If you saturate the color by 10%, you get **4279445608**, and if you desaturate by 10%, it is **4280760424**.

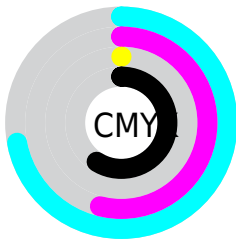
Distribution



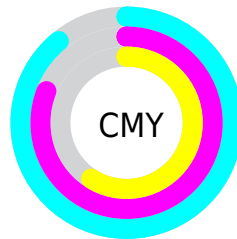
- Red (11%)
- Green (19%)
- Blue (41%)



- Red (11%)
- Yellow (17%)
- Blue (41%)



- Cyan (72%)
- Magenta (54%)
- Yellow (0%)
- Black (59%)



- Cyan (89%)
- Magenta (81%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280103016 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 4280103016 by changing the saturation by 10% instead.

■ 4280103016

■ 4280103016

4294967295

■ 4278197328

■ 4283653788

■ 4278190136

■ 4285363895

■ 4278190626

■ 4287140051

■ 4278190088

■ 4288981743

■ 4278190080

■ 4290823679

■ 4292665855

■ 4294573823

■ 4280103016

■ 4280103016

■ 4279445608

■ 4280760424

■ 4278722664

■ 4281483368

■ 4278196840

■ 4282140520

■ 4282863464

■ 4283520872

■ 4284178280

■ 4284900968

■ 4285558376

■ 4286281320

Harmonies

Analogous

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



4278204779



4280103016



4283179607

Triad

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



4280103016



4284097286



4278206250

Complementary

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



4280103016



4285027613

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.



4278402317



4280103016



4282920704

Square

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



4280103016



4284749346



4281284608



4278206534

Rectangle

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



4280103016



4284160327



4281284608



4278206240

Sweetspot

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



4280103016



4285100423



4280117332



4281546565



4291085508



4282729797

Same Dimension

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



4280103016



4279381895



4281277800



4281216819



4278197619



4278205938

Inverse Universe

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



4285013296



4287042095



4283852829



4281544239



4285726749



4294049853

Previews

White Background



This preview shows how the Android color 4280103016 looks on a white background.

Color Contrast Check

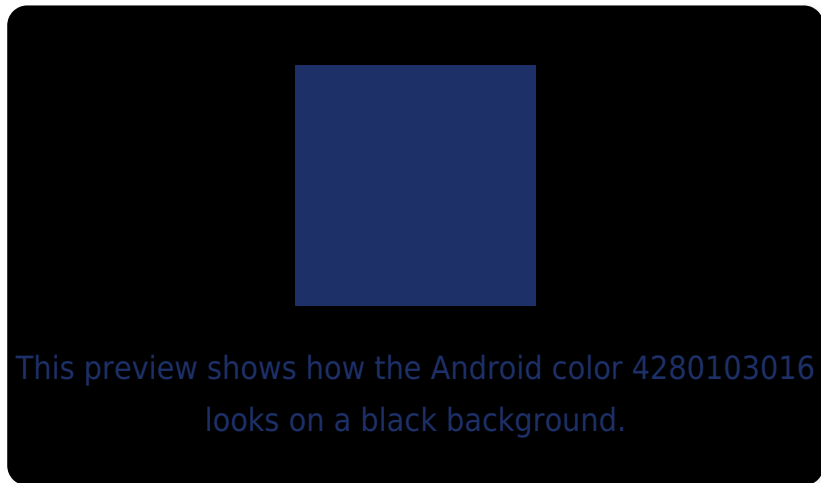
Large Text (above 18pt) WCAG AA ✓ Pass

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

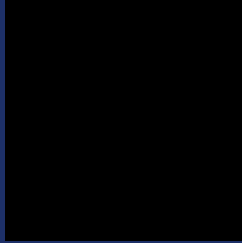
Any Text WCAG AA × Fail

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 4280103016 Background



This preview shows how black text looks on a background with the Android color 4280103016.



This preview shows how white text looks on a background with the Android color 4280103016.

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
4280103016

Protanopia
4278268522

Deuteranopia
4278203740

Trichromacy



Original Color
4280103016

Protanomaly
4278923625

Deuteranomaly
4278924128

Tritanomaly
4278924877

Monochromacy



Original Color
4280103016

Achromatopsia
4281413937

Achromatomaly
4280955205

CSS Examples

Text

The CSS property to change the color of the text to Android 4280103016 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(29, 48, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 48, 104) }
```

Border

The CSS property to change the border of an element to Android 4280103016 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, 104) }
```

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

```
.border{ border-color:rgb(29, 48, 104) }
```

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, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 48, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 48, 104);  
box-shadow:4px 4px 4px 4px rgb(29, 48,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4280103016 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, 104) }
```

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

```
.background{ background-color: rgb(29, 48,  
104) }
```

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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