

Converting Colors

Android(4279003016)

Have a look what the booklet for
Android(4279003016) contains.

Android(4279003016)	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(4279003016)

Conversions

Conversions Part 1

Format	Color
Hex	0C6788
RGB	12, 103, 136
RGB Percent	5%, 40%, 53%
CMY	0.9529, 0.5961, 0.4667
CMYK	0.91, 0.24, 0.00, 0.47
HSL	196°, 84%, 29%
HSV	196°, 91%, 53%
XYZ	9.4458, 11.5562, 25.0253
YIQ	79.5530, -64.8290, -9.0290

Conversions

Conversions Part 2

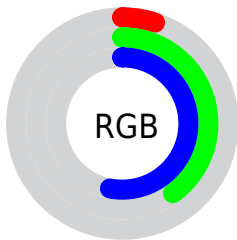
Format	Color
R_{YB}	12, 64, 136
Decimal	812936
CIE _{Lab}	40.50, -11.94, -25.09
CIE _{LCh}	41, 27.790, 244.546
Yxy	11.5562, 0.2052, 0.2511
Android (android.graphics.Color)	4279003016 (0xFF0C6788)
YUV	79.5530, 27.8284, -59.2440
Hunter-Lab	33.9945, -9.8918, -19.8507

Details

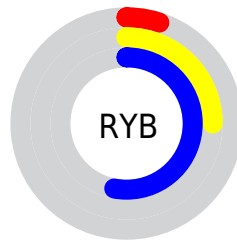
The Android color `4279003016` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287114508`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4283669181`, and `4278204502` is the 20% darker color. If you saturate the color by 10%, you get `4278215816`, and if you desaturate by 10%, it is `4279921544`.

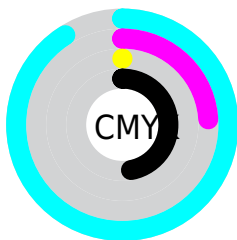
Distribution



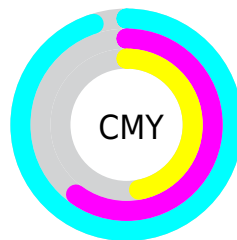
- Red (5%)
- Green (40%)
- Blue (53%)



- Red (5%)
- Yellow (25%)
- Blue (53%)



- Cyan (91%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (95%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279003016 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 4279003016 by changing the saturation by 10% instead.

 4279003016

 4279003016

4294967295

 4278210415

 4283669181

 4278204502

 4285576665

 4278199103

 4287418614

 4278191657

 4289326591

 4278190355

 4291231743

 4278190080

 4293132287

 4279003016

 4279003016

 4278215816

 4279921544

■ 4280774280

■ 4281692808

■ 4282545544

■ 4283464072

■ 4284382600

■ 4285235336

■ 4286153864

■ 4287006856

Harmonies

Analogous

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



4278217593



4279003016



4282540429

Triad

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



4279003016



4287253853



4283655737

Complementary

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



4279003016



4287114508

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.



4285226801



4279003016



4287189063

Square

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



4279003016



4286534003



4286469943



4281756235

Rectangle

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



4279003016



4284242825



4286469943



4284179509

Sweetspot

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



4279003016



4286620592



4279011371



4282208857



4292467161



4284045657

Same Dimension

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



4279003016



4278223280



4278987656



4282270533



4278215045



4278191109

Inverse Universe

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



4287106151



4289724545



4287129868



4282728003



4286906465



4278517764

Previews

White Background



This preview shows how the Android color 4279003016 looks on a white background.

Color Contrast Check

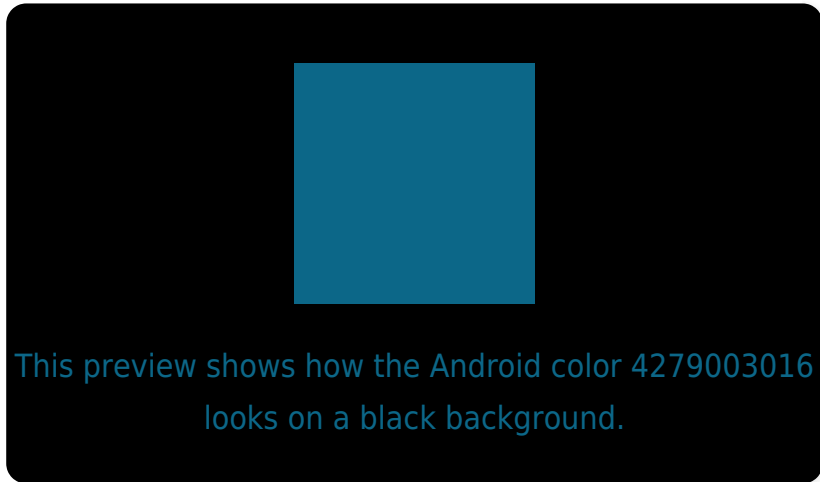
Large Text (above 18pt) WCAG AA ✓ Pass

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

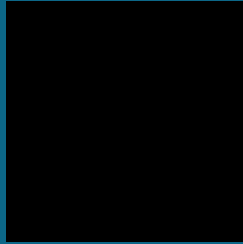
Any Text WCAG AA × Fail

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 4279003016 Background



This preview shows how black text looks on a background with the Android color 4279003016.

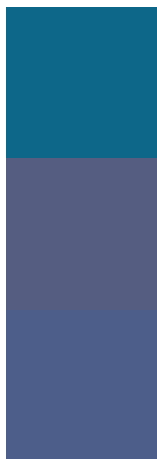


This preview shows how white text looks on a background with the Android color 4279003016.

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
4279003016

Protanopia
4283784833

Deuteranopia
4283326090

Trichromacy



Original Color
4279003016

Protanomaly
4282016132

Deuteranomaly
4281753993

Tritanomaly
4278479226

Monochromacy



Original Color
4279003016

Achromatopsia
4283453520

Achromatomaly
4281817188

CSS Examples

Text

The CSS property to change the color of the text to Android 4279003016 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(12, 103, 136)` looks like.

```
.text, #text, p{  
    color:rgb(12, 103, 136)  
}
```

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(12, 103, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 103, 136) }
```

Border

The CSS property to change the border of an element to Android 4279003016 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(12, 103, 136) }
```

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

```
.border{ border-color:rgb(12, 103, 136) }
```

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

Here you see how a box with a 4 pixel rgb(12, 103, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 103, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 103, 136);  
box-shadow:4px 4px 4px 4px rgb(12, 103,  
136) }
```

Background

The CSS property to change the background color of an element to Android 4279003016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 103, 136) }
```

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

```
.background{ background-color: rgb(12, 103,  
136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor