

Converting Colors

Android(4279462531)

Have a look what the booklet for
Android(4279462531) contains.

Android(4279462531)	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(4279462531)

Conversions

Conversions Part 1

Format	Color
Hex	136A83
RGB	19, 106, 131
RGB Percent	7%, 42%, 51%
CMY	0.9255, 0.5843, 0.4863
CMYK	0.85, 0.19, 0.00, 0.49
HSL	193°, 75%, 29%
HSV	193°, 85%, 51%
XYZ	9.5193, 12.0852, 23.3037
YIQ	82.8370, -59.8770, -10.6690

Conversions

Conversions Part 2

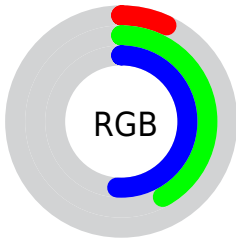
Format	Color
R_{YB}	19, 68, 131
Decimal	1272451
CIE _{Lab}	41.35, -15.01, -20.75
CIE _{LCh}	41, 25.608, 234.130
Yxy	12.0852, 0.2120, 0.2691
Android (android.graphics.Color)	4279462531 (0xFF136A83)
YUV	82.8370, 23.7444, -55.9850
Hunter-Lab	34.7638, -11.9582, -15.4100

Details

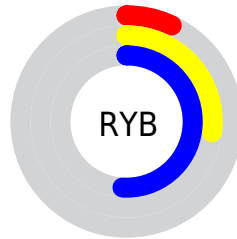
The Android color `4279462531` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286786579`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4283801016`, and `4278205266` is the 20% darker color. If you saturate the color by 10%, you get `4278609795`, and if you desaturate by 10%, it is `4280315267`.

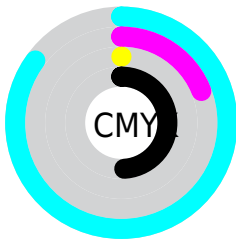
Distribution



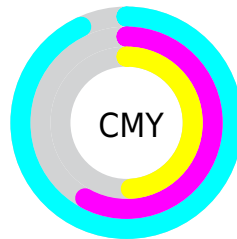
- Red (7%)
- Green (42%)
- Blue (51%)



- Red (7%)
- Yellow (27%)
- Blue (51%)



- Cyan (85%)
- Magenta (19%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279462531 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 4279462531 by changing the saturation by 10% instead.



4279462531



4279462531

4294967295



4278211178



4283801016



4278205266



4285642964



4278199610



4287485168



4278193189



4289392895



4278190350



4291297279



4278190080



4293197823



4279462531



4279462531



4278609795



4280315267

■ 4278216323

■ 4281168003

■ 4282020739

■ 4282873475

■ 4283791747

■ 4284644483

■ 4285496963

■ 4286349699

■ 4287202435

Harmonies

Analogous

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



4278611314



4279462531



4282082699

Triad

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



4279462531



4287058279



4284376378

Complementary

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



4279462531



4286786579

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.



4285751095



4279462531



4287255121

Square

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



4279462531



4286076538



4286797888



4282739272

Rectangle

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



4279462531



4283654282



4286797888



4284834616

Sweetspot

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



4279462531



4286489003



4279468843



4282143063



4292269782



4283914071

Same Dimension

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



4279462531



4278224299



4279448451



4282138946



4278216066



4278190595

Inverse Universe

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



4286780266



4289396869



4286800659



4282530881



4286709861



4278386690

Previews

White Background



This preview shows how the Android color 4279462531 looks on a white background.

Color Contrast Check

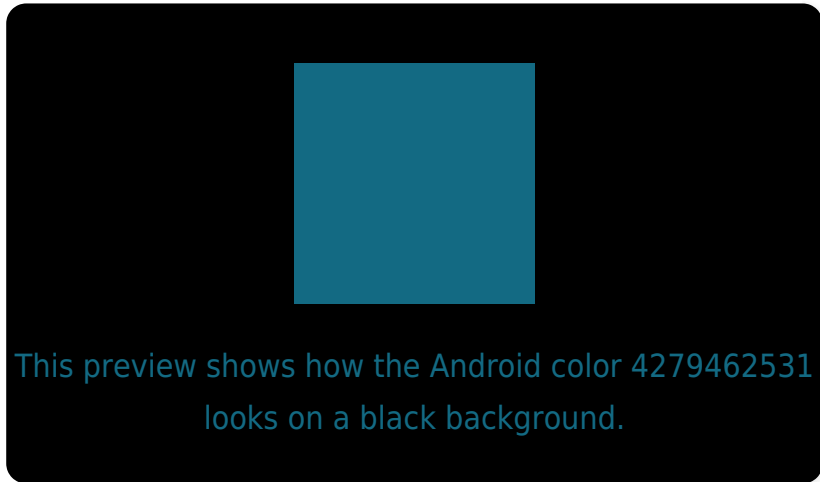
Large Text (above 18pt) WCAG AA ✓ Pass

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

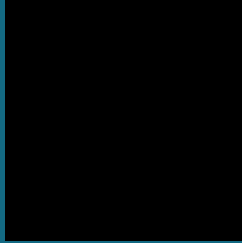
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

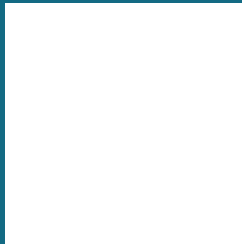
Any Text WCAG AAA × Fail

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

Android 4279462531 Background



This preview shows how black text looks on a background with the Android color 4279462531.



This preview shows how white text looks on a background with the Android color 4279462531.

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
4279462531

Protanopia
4284113020

Deuteranopia
4283850885

Trichromacy



Original Color
4279462531

Protanomaly
4282410111

Deuteranomaly
4282279044

Tritanomaly
4278676346

Monochromacy



Original Color
4279462531

Achromatopsia
4283650899

Achromatomaly
4282145636

CSS Examples

Text

The CSS property to change the color of the text to Android 4279462531 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(19, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(19, 106, 131)  
}
```

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(19, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 106, 131) }
```

Border

The CSS property to change the border of an element to Android 4279462531 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(19, 106, 131) }
```

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

```
.border{ border-color:rgb(19, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 106, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 106, 131);  
box-shadow:4px 4px 4px 4px rgb(19, 106,  
131) }
```

Background

The CSS property to change the background color of an element to Android 4279462531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 106, 131) }
```

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

```
.background{ background-color: rgb(19, 106,  
131) }
```

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