

Converting Colors

Android(4280116838)

Have a look what the booklet for
Android(4280116838) contains.

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Color

Android(4280116838)

Conversions

Conversions Part 1

Format	Color
Hex	1D6666
RGB	29, 102, 102
RGB Percent	11%, 40%, 40%
CMY	0.8863, 0.6000, 0.6000
CMYK	0.72, 0.00, 0.00, 0.60
HSL	180°, 56%, 26%
HSV	180°, 72%, 40%
XYZ	7.6563, 10.7233, 14.2366
YIQ	80.1730, -43.5080, -15.4760

Conversions

Conversions Part 2

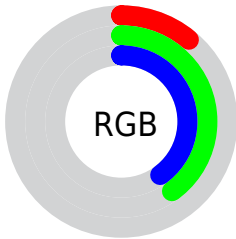
Format	Color
R_{YB}	29, 66, 102
Decimal	1926758
CIE _{Lab}	39.11, -21.61, -6.49
CIE _{LCh}	39, 22.560, 196.726
Yxy	10.7233, 0.2347, 0.3288
Android (android.graphics.Color)	4280116838 (0xFF1D6666)
YUV	80.1730, 10.7607, -44.8787
Hunter-Lab	32.7464, -15.5716, -2.8541

Details

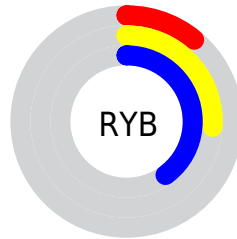
The Android color `4280116838` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284882205`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4283799961`, and `4278204215` is the 20% darker color. If you saturate the color by 10%, you get `4279461478`, and if you desaturate by 10%, it is `4280772198`.

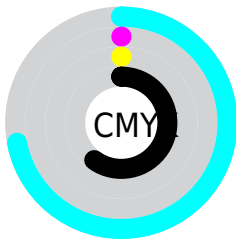
Distribution



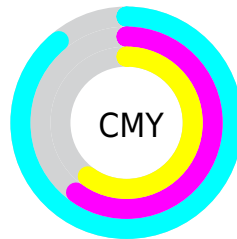
- Red (11%)
- Green (40%)
- Blue (40%)



- Red (11%)
- Yellow (26%)
- Blue (40%)



- Cyan (72%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (89%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280116838 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 4280116838 by changing the saturation by 10% instead.



4280116838



4280116838

4294967295



4278210126



4283799961



4278204215



4285576372



4278198562



4287353039



4278190092



4289195243



4278190080



4291035135



4292935679



4294836223



4280116838



4280116838

■ 4279461478

■ 4280772198

■ 4278806118

■ 4281427558

■ 4278216294

■ 4282148454

■ 4282803814

■ 4283459174

■ 4284114534

■ 4284769894

■ 4285490790

■ 4286146150

Harmonies

Analogous

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



4281558355



4280116838



4279985270

Triad

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



4280116838



4285224053



4285552697

Complementary

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



4280116838



4284882205

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.



4286337602



4280116838



4286271333

Square

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



4280116838



4283652735



4286598738



4284374585

Rectangle

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



4280116838



4281033341



4286598738



4285814331

Sweetspot

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



4280116838



4285105541



4280116765



4281483842



4290953922



4282532418

Same Dimension

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



4280116838



4279469445



4280107622



4281217843



4278219635



4278252274

Inverse Universe

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



4284882278



4286911365



4284891677



4281544243



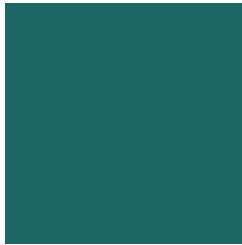
4285726835



4294050034

Previews

White Background



This preview shows how the Android color 4280116838 looks on a white background.

Color Contrast Check

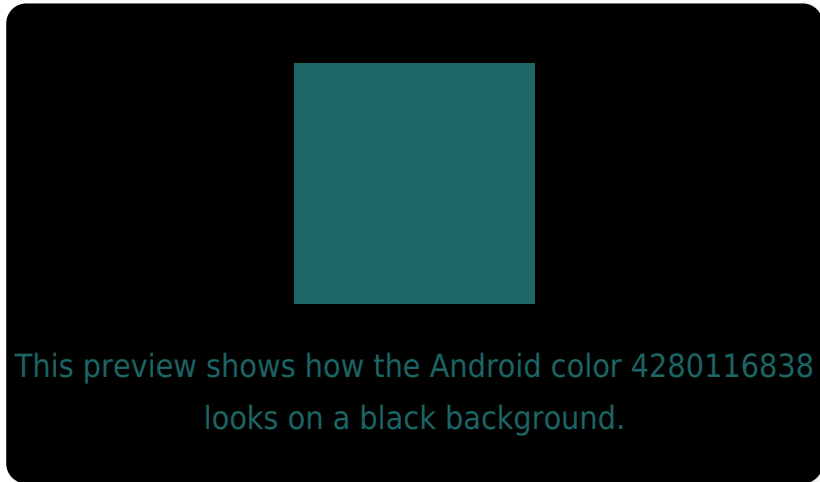
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280116838 Background



This preview shows how black text looks on a background with the Android color 4280116838.



This preview shows how white text looks on a background with the Android color 4280116838.

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
4280116838

Protanopia
4284242783

Deuteranopia
4284373353

Trichromacy



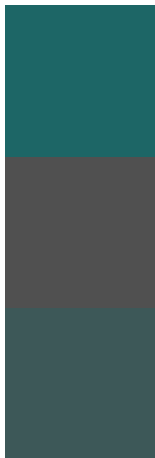
Original Color
4280116838

Protanomaly
4282736482

Deuteranomaly
4282801768

Tritanomaly
4280313194

Monochromacy



Original Color
4280116838

Achromatopsia
4283453520

Achromatomaly
4282210392

CSS Examples

Text

The CSS property to change the color of the text to Android 4280116838 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, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(29, 102, 102)  
}
```

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, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 102, 102) }
```

Border

The CSS property to change the border of an element to Android 4280116838 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, 102, 102) }
```

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

```
.border{ border-color:rgb(29, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(29, 102,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4280116838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 102, 102) }
```

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

```
.background{ background-color: rgb(29, 102,  
102) }
```

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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