

Converting Colors

Android(4280187031)

Have a look what the booklet for
Android(4280187031) contains.

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Color

Android(4280187031)

Conversions

Conversions Part 1

Format	Color
Hex	1E7897
RGB	30, 120, 151
RGB Percent	12%, 47%, 59%
CMY	0.8824, 0.5294, 0.4078
CMYK	0.80, 0.21, 0.00, 0.41
HSL	195°, 67%, 35%
HSV	195°, 80%, 59%
XYZ	12.8378, 15.9433, 31.6789
YIQ	96.6240, -63.5910, -9.4390

Conversions

Conversions Part 2

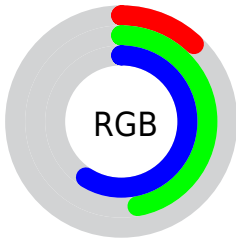
Format	Color
R_{YB}	30, 82, 151
Decimal	1996951
CIE _{Lab}	46.90, -14.58, -24.08
CIE _{LCh}	47, 28.148, 238.800
Yxy	15.9433, 0.2123, 0.2637
Android (android.graphics.Color)	4280187031 (0xFF1E7897)
YUV	96.6240, 26.8074, -58.4292
Hunter-Lab	39.9291, -12.4855, -19.0891

Details

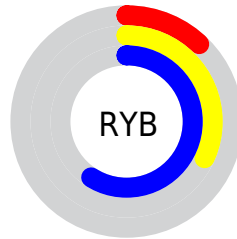
The Android color **4280187031** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **4288101662**, and the grayscale version is **4284506208**.

A 20% lighter version of the original color is **4284460237**, and **4278208356** is the 20% darker color. If you saturate the color by 10%, you get **4279202967**, and if you desaturate by 10%, it is **4281171095**.

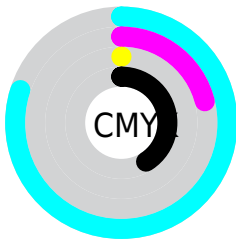
Distribution



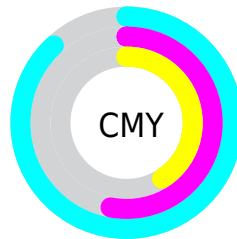
- Red (12%)
- Green (47%)
- Blue (59%)



- Red (12%)
- Yellow (32%)
- Blue (59%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (41%)



- Cyan (88%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280187031 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 4280187031 by changing the saturation by 10% instead.



4280187031



4280187031

4294967295



4278214525



4284460237



4278208356



4286367978



4278202700



4288275711



4278197557



4290117631



4278190624



4292083711



4278190084



4293984255



4278190080



4280187031



4280187031



4279202967



4281171095

■ 4278218903

■ 4282155159

■ 4283139223

■ 4284123031

■ 4285172631

■ 4286156695

■ 4287140759

■ 4288124823

■ 4289108887

Harmonies

Analogous

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



4278352773



4280187031



4283134622

Triad

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



4280187031



4288372081



4284970309

Complementary

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



4280187031



4288101662

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.



4286606655



4280187031



4288438106

Square

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



4280187031



4287390088



4287784263



4283136342

Rectangle

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



4280187031



4284837020



4287784263



4285559362

Sweetspot

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



4280187031



4288002244



4280194876



4282866787



4293125091



4284703587

Same Dimension

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



4280187031



4278752452



4280171671



4282731341



4278216844



4278192397

Inverse Universe

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



4288093816



4291037332



4288117022



4283254091



4287365224



4279042057

Previews

White Background



This preview shows how the Android color 4280187031 looks on a white background.

Color Contrast Check

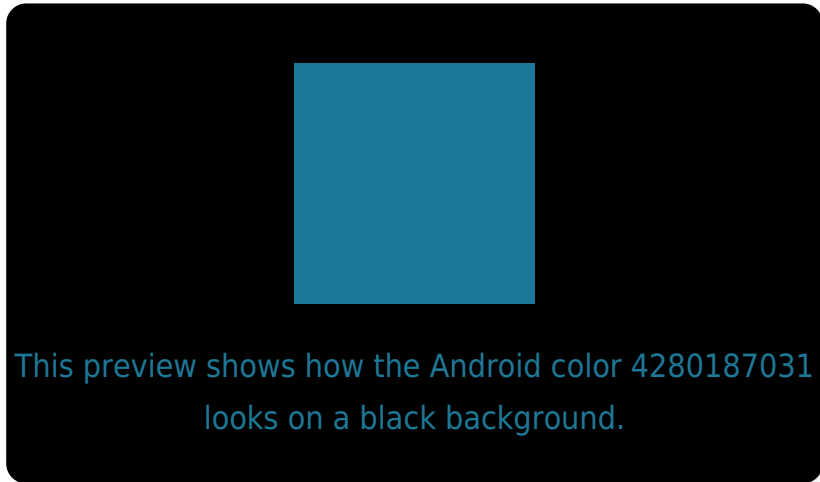
Large Text (above 18pt) WCAG AA ✓ Pass

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

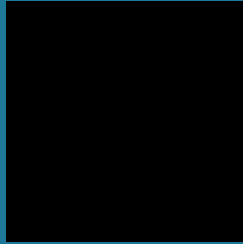
Any Text WCAG AA × Fail

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 4280187031 Background



This preview shows how black text looks on a background with the Android color 4280187031.

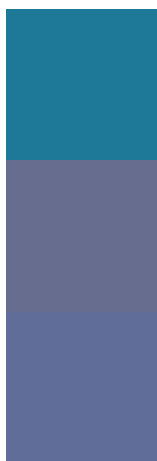


This preview shows how white text looks on a background with the Android color 4280187031.

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
4280187031

Protanopia
4284902799

Deuteranopia
4284509593

Trichromacy



Original Color
4280187031

Protanomaly
4283199890

Deuteranomaly
4282937752

Tritanomaly
4278942348

Monochromacy



Original Color
4280187031

Achromatopsia
4284572001

Achromatomaly
4283001205

CSS Examples

Text

The CSS property to change the color of the text to Android 4280187031 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(30, 120, 151)` looks like.

```
.text, #text, p{  
    color:rgb(30, 120, 151)  
}
```

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(30, 120, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 120, 151) }
```

Border

The CSS property to change the border of an element to Android 4280187031 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(30, 120, 151) }
```

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

```
.border{ border-color:rgb(30, 120, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 120, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 120, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 120, 151);  
box-shadow:4px 4px 4px 4px rgb(30, 120,  
151) }
```

Background

The CSS property to change the background color of an element to Android 4280187031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 120, 151) }
```

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

```
.background{ background-color: rgb(30, 120,  
151) }
```

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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