

Converting Colors

Android(4280186797)

Have a look what the booklet for
Android(4280186797) contains.

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Color

Android(4280186797)

Conversions

Conversions Part 1

Format	Color
Hex	1E77AD
RGB	30, 119, 173
RGB Percent	12%, 47%, 68%
CMY	0.8824, 0.5333, 0.3216
CMYK	0.83, 0.31, 0.00, 0.32
HSL	203°, 70%, 40%
HSV	203°, 83%, 68%
XYZ	14.6751, 16.4868, 41.9440
YIQ	98.5450, -70.3780, -2.0740

Conversions

Conversions Part 2

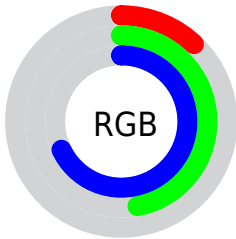
Format	Color
R_{YB}	30, 85, 173
Decimal	1996717
CIE _{Lab}	47.61, -5.93, -35.86
CIE _{LCh}	48, 36.344, 260.608
Yxy	16.4868, 0.2007, 0.2255
Android (android.graphics.Color)	4280186797 (0xFF1E77AD)
YUV	98.5450, 36.7063, -60.1140
Hunter-Lab	40.6039, -6.5435, -32.8240

Details

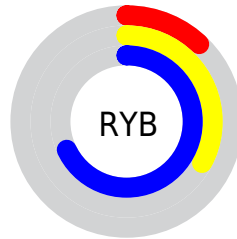
The Android color `4280186797` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289549342`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4284722149`, and `4278208376` is the 20% darker color. If you saturate the color by 10%, you get `4279070893`, and if you desaturate by 10%, it is `4281302701`.

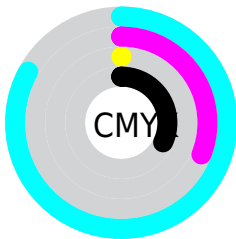
Distribution



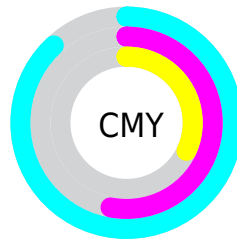
- Red (12%)
- Green (47%)
- Blue (68%)



- Red (12%)
- Yellow (33%)
- Blue (68%)



- Cyan (83%)
- Magenta (31%)
- Yellow (0%)
- Black (32%)



- Cyan (88%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280186797 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 4280186797 by changing the saturation by 10% instead.

 4280186797

 4280186797

4294967295

 4278214290

 4284722149

 4278208376

 4286695167

 4278202719

 4288602879

 4278197575

 4290576383

 4278191152

 4292476927

 4278190363

 4294443007

 4278190080

 4280186797

 4280186797

 4279070893

 4281302701

■ 4278217901

■ 4282483885

■ 4283599789

■ 4284715437

■ 4285896877

■ 4287012525

■ 4288128429

■ 4289244077

■ 4290425517

Harmonies

Analogous

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



4278222496



4280186797



4284771754

Triad

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



4280186797



4289419613



4283137097

Complementary

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



4280186797



4289549342

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.



4285429301



4280186797



4288766275

Square

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



4280186797



4289026172



4287392819



4279140454

Rectangle

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



4280186797



4286735776



4287392819



4283923265

Sweetspot

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



4280186797



4289252320



4280200530



4283392880



4293980400



4285558896

Same Dimension

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



4280186797



4278357472



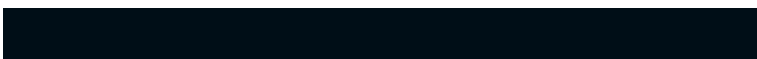
4280168877



4283323223



4278214294



4278193687

Inverse Universe

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



4289535607



4292870797



4289567262



4283911763



4288020574



4279697422

Previews

White Background



This preview shows how the Android color 4280186797 looks on a white background.

Color Contrast Check

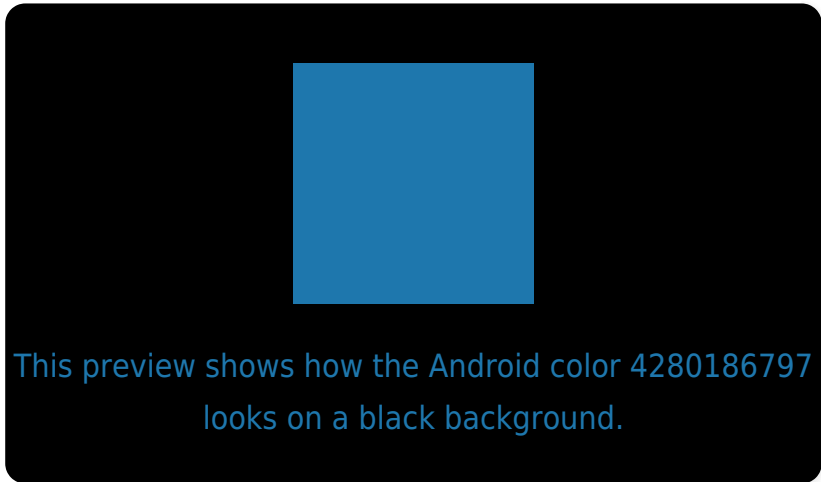
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280186797 Background



This preview shows how black text looks on a background with the Android color 4280186797.



This preview shows how white text looks on a background with the Android color 4280186797.

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



Trichromacy



Original Color
4280186797

Protanomaly
4282872233

Deuteranomaly
4282282926

Tritanomaly
4278942612

Monochromacy



Original Color
4280186797

Achromatopsia
4284703587

Achromatomaly
4283067006

CSS Examples

Text

The CSS property to change the color of the text to Android 4280186797 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, 119, 173)` looks like.

```
.text, #text, p{  
    color:rgb(30, 119, 173)  
}
```

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, 119, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 119, 173) }
```

Border

The CSS property to change the border of an element to Android 4280186797 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, 119, 173) }
```

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

```
.border{ border-color:rgb(30, 119, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 119, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 119, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 119, 173);  
box-shadow:4px 4px 4px 4px rgb(30, 119,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4280186797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 119, 173) }
```

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

```
.background{ background-color: rgb(30, 119,  
173) }
```

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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