

Converting Colors

Android(4280117042)

Have a look what the booklet for
Android(4280117042) contains.

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Color

Android(4280117042)

Conversions

Conversions Part 1

Format	Color
Hex	1D6732
RGB	29, 103, 50
RGB Percent	11%, 40%, 20%
CMY	0.8863, 0.5961, 0.8039
CMYK	0.72, 0.00, 0.51, 0.60
HSL	137°, 56%, 26%
HSV	137°, 72%, 40%
XYZ	5.9327, 10.1920, 4.6722
YIQ	74.8320, -27.0910, -32.1710

Conversions

Conversions Part 2

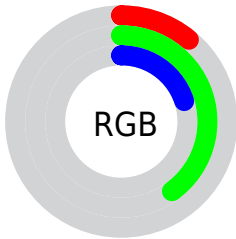
Format	Color
R_YB	29, 87, 103
Decimal	1926962
CIE _{Lab}	38.18, -35.22, 23.40
CIE _{LCh}	38, 42.284, 146.394
Yxy	10.1920, 0.2853, 0.4901
Android (android.graphics.Color)	4280117042 (0xFF1D6732)
YUV	74.8320, -12.2422, -40.1947
Hunter-Lab	31.9249, -22.6976, 13.6704




Details

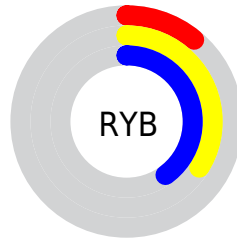
The Android color `4280117042` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4284947794`, and the grayscale version is `4283124555`.




A 20% lighter version of the original color is `4283734881`, and `4278204164` is the 20% darker color. If you saturate the color by 10%, you get `4279461675`, and if you desaturate by 10%, it is `4280772409`.

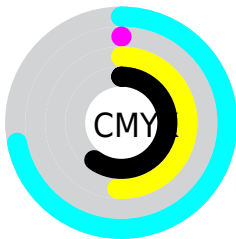
Distribution







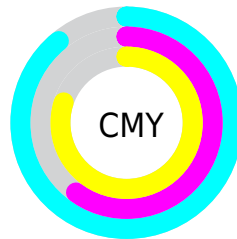
-  Red (11%)
-  Green (40%)
-  Blue (20%)






-  Red (11%)
-  Yellow (34%)
-  Blue (40%)



-  Cyan (72%)
-  Magenta (0%)
-  Yellow (51%)
-  Black (60%)



-  Cyan (89%)
-  Magenta (60%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280117042 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 4280117042 by changing the saturation by 10% instead.



4280117042



4280117042

4294967295



4278210076



4283734881



4278204164



4285445755



4278199040



4287222421



4278190080



4289064623



4290904011



4292739047



4294639615



4280117042



4280117042

■ 4279461675

■ 4280772409

■ 4278740771

■ 4281493313

■ 4278216477

■ 4282148680

■ 4282804048

■ 4283459415

■ 4284180318

■ 4284835686

■ 4285491053

■ 4286211956

Harmonies

Analogous

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



4283326742



4280117042



4278217300

Triad

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



4280117042



4278214558



4288101694

Complementary

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



4280117042



4284947794

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.



4287969887



4280117042



4283650967

Square

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



4280117042



4278216594



4286530688



4287121696

Rectangle

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



4280117042



4278217324



4286530688



4288166473

Sweetspot

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



4280117042



4285106034



4283590429



4281550136



4291085508



4282729797

Same Dimension

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



4280117042



4279469876



4280117079



4281217839



4278219553



4278252101

Inverse Universe

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



4284947794



4287042406



4284947757



4281544242



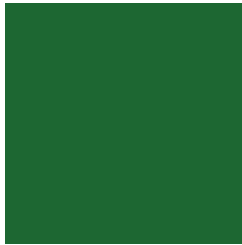
4285726802



4294049966

Previews

White Background



This preview shows how the Android color 4280117042 looks on a white background.

Color Contrast Check

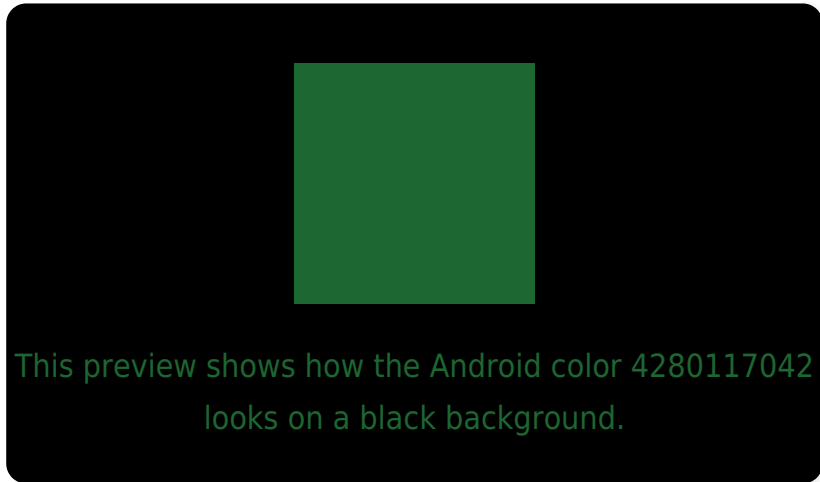
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280117042 Background



This preview shows how black text looks on a background with the Android color 4280117042.



This preview shows how white text looks on a background with the Android color 4280117042.

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
4280117042

Protanopia
4284701229

Deuteranopia
4285289782

Trichromacy



Original Color
4280117042

Protanomaly
4283064111

Deuteranomaly
4283391029

Tritanomaly
4280902485

Monochromacy



Original Color
4280117042

Achromatopsia
4283124555

Achromatomaly
4282012994

CSS Examples

Text

The CSS property to change the color of the text to Android 4280117042 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, 103, 50)` looks like.

```
.text, #text, p{  
    color:rgb(29, 103, 50)  
}
```

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, 103, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 103, 50) }
```

Border

The CSS property to change the border of an element to Android 4280117042 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, 103, 50) }
```

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

```
.border{ border-color:rgb(29, 103, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 103, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 103, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 103, 50);  
box-shadow:4px 4px 4px 4px rgb(29, 103,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4280117042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 103, 50) }
```

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

```
.background{ background-color: rgb(29, 103,  
50) }
```

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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