

Converting Colors

Android(4280366117)

Have a look what the booklet for
Android(4280366117) contains.

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Color

Android(4280366117)

Conversions

Conversions Part 1

Format	Color
Hex	213425
RGB	33, 52, 37
RGB Percent	13%, 20%, 15%
CMY	0.8706, 0.7961, 0.8549
CMYK	0.37, 0.00, 0.29, 0.80
HSL	133°, 22%, 17%
HSV	133°, 37%, 20%
XYZ	2.1891, 2.9129, 2.1971
YIQ	44.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

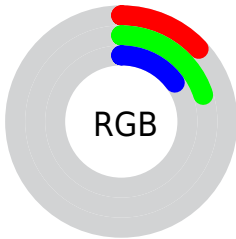
Format	Color
R_YB	33, 49, 52
Decimal	2176037
CIE Lab	19.69, -11.58, 7.09
CIE LCh	20, 13.580, 148.540
Yxy	2.9129, 0.2999, 0.3991
Android (android.graphics.Color)	4280366117 (0xFF213425)
YUV	44.6090, -3.7512, -10.1811
Hunter-Lab	17.0672, -6.9723, 4.3144

Details

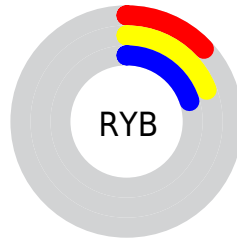
The Android color **4280366117** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4281606448**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4283327314**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280038433**, and if you desaturate by 10%, it is **4280693801**.

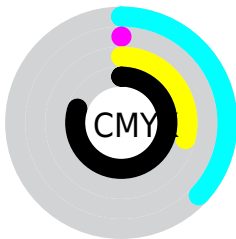
Distribution



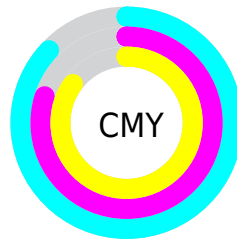
- Red (13%)
- Green (20%)
- Blue (15%)



- Red (13%)
- Yellow (19%)
- Blue (20%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (80%)



- Cyan (87%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280366117 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 4280366117 by changing the saturation by 10% instead.



4280366117



4280366117

4294967295



4278984464



4283327314



4278190080



4284906602



4286551427



4288262301



4290038968



4291881172



4293722096



4280366117



4280366117

■ 4280038433

■ 4280693801

■ 4279710749

■ 4281021485

■ 4279317529

■ 4281414705

■ 4278989845

■ 4281742389

■ 4278662160

■ 4282070074

■ 4278334476

■ 4282397758

■ 4278203403

■ 4282725442

■ 4283118662

■ 4283446346

Harmonies

Analogous

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



4281152030



4280366117



4279579951

Triad

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



4280366117



4280365379



4282591527

Complementary

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



4280366117



4281606448

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.



4282525745



4280366117



4281347393

Square

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



4280366117



4279448384



4282133050



4282329887

Rectangle

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



4280366117



4279186742



4282133050



4282591274

Sweetspot

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



4280366117



4282205503



4281349153



4280230944



4288914339



4280558628

Same Dimension

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



4280366117



4280763693



4280366126



4279704087



4278212883



4278245678

Inverse Universe

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



4281606448



4282722110



4281606439



4279899929



4284022854



4292411563

Previews

White Background



This preview shows how the Android color 4280366117 looks on a white background.

Color Contrast Check

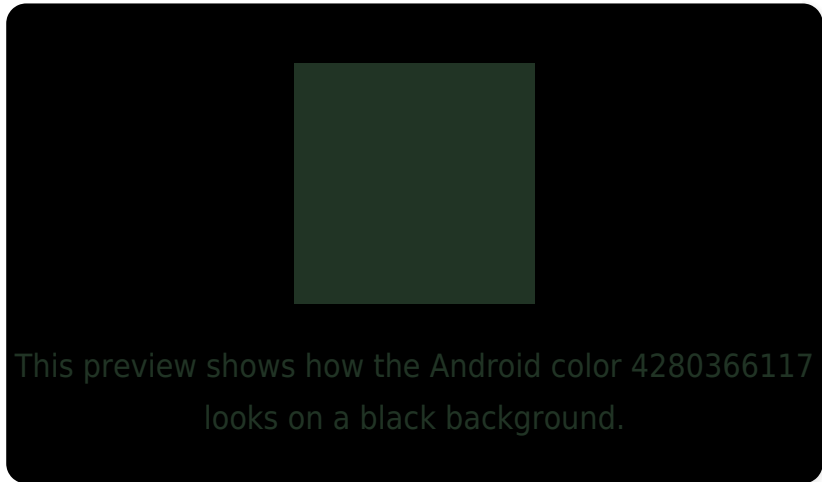
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4280366117 Background



This preview shows how black text looks on a background with the Android color 4280366117.

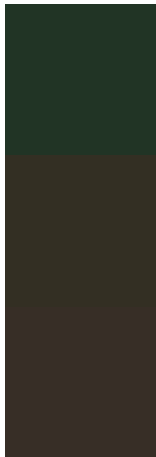


This preview shows how white text looks on a background with the Android color 4280366117.

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

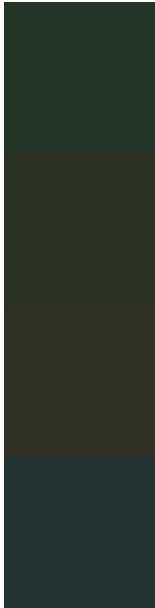


Original Color
4280366117

Protanopia
4281544483

Deuteranopia
4281806374

Trichromacy



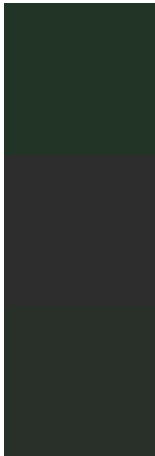
Original Color
4280366117

Protanomaly
4281086244

Deuteranomaly
4281282598

Tritanomaly
4280496944

Monochromacy



Original Color
4280366117

Achromatopsia
4281150765

Achromatomaly
4280889386

CSS Examples

Text

The CSS property to change the color of the text to Android 4280366117 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(33, 52, 37)` looks like.

```
.text, #text, p{  
    color:rgb(33, 52, 37)  
}
```

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(33, 52, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 52, 37) }
```

Border

The CSS property to change the border of an element to Android 4280366117 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(33, 52, 37) }
```

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

```
.border{ border-color:rgb(33, 52, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 52, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 52, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 52, 37);  
box-shadow:4px 4px 4px 4px rgb(33, 52, 37)  
}
```

Background

The CSS property to change the background color of an element to Android 4280366117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 52, 37) }
```

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

```
.background{ background-color: rgb(33, 52,  
37) }
```

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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