

Converting Colors

Android(4281564512)

Have a look what the booklet for
Android(4281564512) contains.

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Color

Android(4281564512)

Conversions

Conversions Part 1

Format	Color
Hex	337D60
RGB	51, 125, 96
RGB Percent	20%, 49%, 38%
CMY	0.8000, 0.5098, 0.6235
CMYK	0.59, 0.00, 0.23, 0.51
HSL	156°, 42%, 35%
HSV	156°, 59%, 49%
XYZ	10.8102, 16.2156, 13.6265
YIQ	99.5680, -34.7950, -24.7070

Conversions

Conversions Part 2

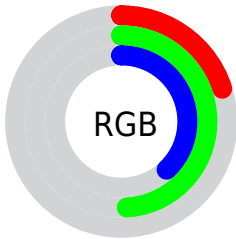
Format	Color
RYB	51, 97, 125
Decimal	3374432
CIELab	47.26, -30.40, 9.02
CIElCh	47, 31.714, 163.471
Yxy	16.2156, 0.2659, 0.3989
Android (android.graphics.Color)	4281564512 (0xFF337D60)
YUV	99.5680, -1.7590, -42.5941
Hunter-Lab	40.2686, -22.5513, 8.1248

Details

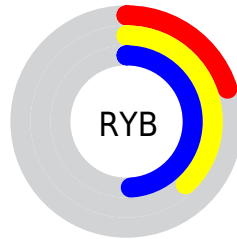
The Android color `4281564512` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4286395216`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4285051539`, and `4278209330` is the 20% darker color. If you saturate the color by 10%, you get `4280778075`, and if you desaturate by 10%, it is `4282416485`.

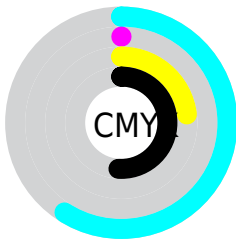
Distribution



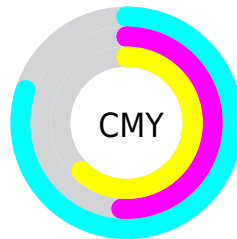
- Red (20%)
- Green (49%)
- Blue (38%)



- Red (20%)
- Yellow (38%)
- Blue (49%)



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (51%)



- Cyan (80%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281564512 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 4281564512 by changing the saturation by 10% instead.



4281564512



4281564512

4294967295



4279592008



4285051539



4278209330



4286828205



4278203421



4288670408



4278198531



4290510821



4278190080



4292345855



4294246399



4281564512



4281564512



4280778075



4282416485

■ 4279926102

■ 4283202922

■ 4279139665

■ 4284054895

■ 4278287692

■ 4284841332

■ 4278222156

■ 4285693304

■ 4286479741

■ 4287331714

■ 4288118151

■ 4288970124

Harmonies

Analogous

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



4283922760



4281564512



4278222460

Triad

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



4281564512



4284247972



4288569421

Complementary

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



4281564512



4286395216

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.



4288895845



4281564512



4286735767

Square

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



4281564512



4280645539



4288306560



4287457597

Rectangle

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



4281564512



4278222221



4288306560



4288765524

Sweetspot

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



4281564512



4287013784



4283530547



4282405451



4291940817



4283585106

Same Dimension

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



4281564512



4281312118



4281562749



4281942077



4278222926



4278190080

Inverse Universe

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



4286395216



4288884573



4286396979



4282399036



4286578738



4278190080

Previews

White Background



This preview shows how the Android color 4281564512 looks on a white background.

Color Contrast Check

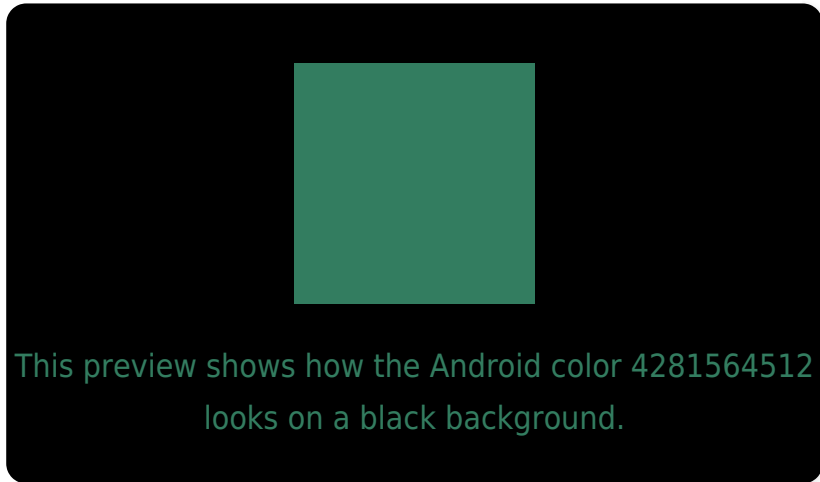
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281564512 Background



This preview shows how black text looks on a background with the Android color 4281564512.



This preview shows how white text looks on a background with the Android color 4281564512.

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
4281564512

Protanopia
4285951833

Deuteranopia
4286475108

Trichromacy



Original Color
4281564512

Protanomaly
4284380252

Deuteranomaly
4284707427

Tritanomaly
4282022518

Monochromacy



Original Color
4281564512

Achromatopsia
4284769380

Achromatomaly
4283592035

CSS Examples

Text

The CSS property to change the color of the text to Android 4281564512 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(51, 125, 96)` looks like.

```
.text, #text, p{  
    color:rgb(51, 125, 96)  
}
```

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(51, 125, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 125, 96) }
```

Border

The CSS property to change the border of an element to Android 4281564512 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(51, 125, 96) }
```

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

```
.border{ border-color:rgb(51, 125, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 125, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 125, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 125, 96);  
box-shadow:4px 4px 4px 4px rgb(51, 125,  
96) }
```

Background

The CSS property to change the background color of an element to Android 4281564512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 125, 96) }
```

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

```
.background{ background-color: rgb(51, 125,  
96) }
```

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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