

Converting Colors

Android(4280507975)

Have a look what the booklet for
Android(4280507975) contains.

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Color

Android(4280507975)

Conversions

Conversions Part 1

Format	Color
Hex	235E47
RGB	35, 94, 71
RGB Percent	14%, 37%, 28%
CMY	0.8627, 0.6314, 0.7216
CMYK	0.63, 0.00, 0.24, 0.63
HSL	157°, 46%, 25%
HSV	157°, 63%, 37%
XYZ	5.8332, 8.8177, 7.3558
YIQ	73.7370, -27.7810, -19.6610

Conversions

Conversions Part 2

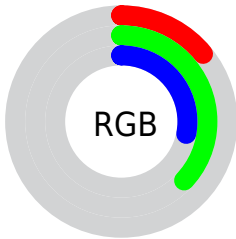
Format	Color
RYB	35, 72, 94
Decimal	2317895
CIELab	35.63, -25.32, 7.56
CIELCh	36, 26.429, 163.370
Yxy	8.8177, 0.2651, 0.4007
Android (android.graphics.Color)	4280507975 (0xFF235E47)
YUV	73.7370, -1.3493, -33.9723
Hunter-Lab	29.6946, -16.9011, 6.0992

Details

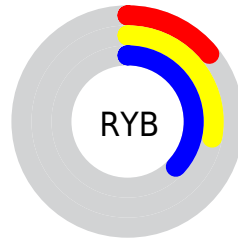
The Android color `4280507975` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284359482`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4283863415`, and `4278202140` is the 20% darker color. If you saturate the color by 10%, you get `4279918147`, and if you desaturate by 10%, it is `4281097803`.

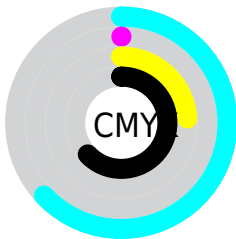
Distribution



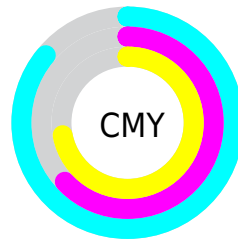
- Red (14%)
- Green (37%)
- Blue (28%)



- Red (14%)
- Yellow (28%)
- Blue (37%)



- Cyan (63%)
- Magenta (0%)
- Yellow (24%)
- Black (63%)



- Cyan (86%)
- Magenta (63%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280507975 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 4280507975 by changing the saturation by 10% instead.



4280507975



4280507975

4294967295



4278470193



4283863415



4278202140



4285574289



4278197249



4287285164



4278190080



4289127367



4290904035



4292804607



4294705151



4280507975



4280507975

■ 4279918147

■ 4281097803

■ 4279262784

■ 4281753166

■ 4278672956

■ 4282342994

■ 4278214201

■ 4282998358

■ 4283588185

■ 4284178013

■ 4284833377

■ 4285423204

■ 4286078568

Harmonies

Analogous

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



4282407732



4280507975



4278214493

Triad

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



4280507975



4282602365



4286072632

Complementary

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



4280507975



4284359482

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.



4286333771



4280507975



4284631923

Square

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



4280507975



4279654780



4285875296



4285222443

Rectangle

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



4280507975



4278214250



4285875296



4286268734

Sweetspot

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



4280507975



4284709489



4282080803



4281285944



4290624957



4282203453

Same Dimension

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



4280507975



4280253015



4280506462



4280888876



4278218307



4278250897

Inverse Universe

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



4284359482



4286193474



4284360995



4281215275



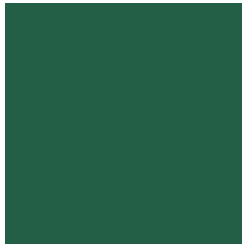
4285399083



4293722204

Previews

White Background



This preview shows how the Android color 4280507975 looks on a white background.

Color Contrast Check

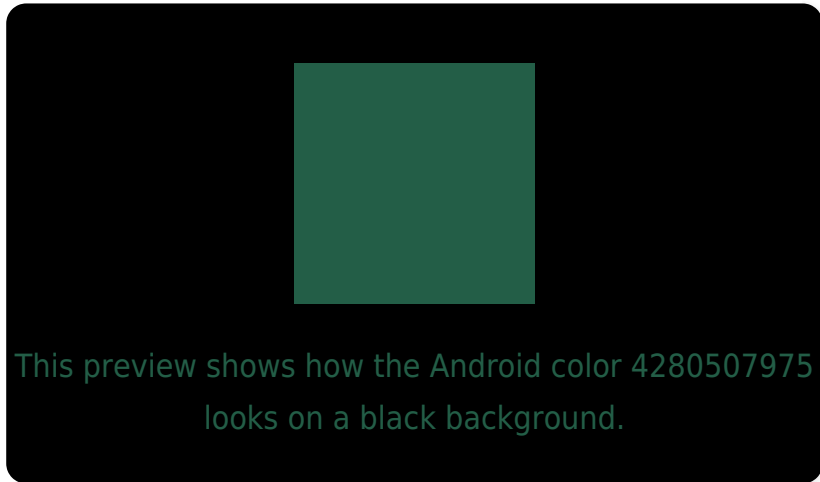
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280507975 Background



This preview shows how black text looks on a background with the Android color 4280507975.



This preview shows how white text looks on a background with the Android color 4280507975.

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
4280507975

Protanopia
4284044098

Deuteranopia
4284436554

Trichromacy



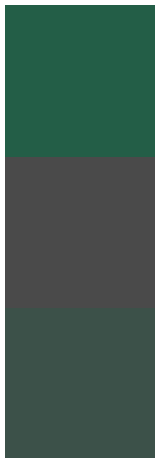
Original Color
4280507975

Protanomaly
4282734404

Deuteranomaly
4282996041

Tritanomaly
4280900440

Monochromacy



Original Color
4280507975

Achromatopsia
4283058762

Achromatomaly
4282143049

CSS Examples

Text

The CSS property to change the color of the text to Android 4280507975 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(35, 94, 71)` looks like.

```
.text, #text, p{  
    color:rgb(35, 94, 71)  
}
```

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(35, 94, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 94, 71) }
```

Border

The CSS property to change the border of an element to Android 4280507975 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(35, 94, 71) }
```

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

```
.border{ border-color:rgb(35, 94, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 94, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 94, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 94, 71);  
box-shadow:4px 4px 4px 4px rgb(35, 94, 71)  
}
```

Background

The CSS property to change the background color of an element to Android 4280507975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 94, 71) }
```

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

```
.background{ background-color: rgb(35, 94,  
71) }
```

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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