

Converting Colors

Android(4281168990)

Have a look what the booklet for
Android(4281168990) contains.

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Color

Android(4281168990)

Conversions

Conversions Part 1

Format	Color
Hex	2D745E
RGB	45, 116, 94
RGB Percent	18%, 45%, 37%
CMY	0.8235, 0.5451, 0.6314
CMYK	0.61, 0.00, 0.19, 0.55
HSL	161°, 44%, 32%
HSV	161°, 61%, 45%
XYZ	9.3480, 13.8568, 12.7716
YIQ	92.2630, -35.2540, -21.8940

Conversions

Conversions Part 2

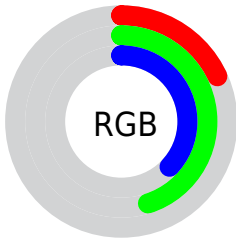
Format	Color
RYB	45, 87, 116
Decimal	2978910
CIELab	44.03, -27.94, 5.59
CIELCh	44, 28.494, 168.681
Yxy	13.8568, 0.2598, 0.3852
Android (android.graphics.Color)	4281168990 (0xFF2D745E)
YUV	92.2630, 0.8563, -41.4497
Hunter-Lab	37.2248, -20.3180, 5.7152

Details

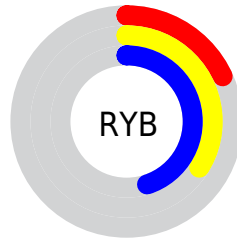
The Android color **4281168990** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285803843**, and the grayscale version is **4284243036**.

A 20% lighter version of the original color is **4284656016**, and **4278207280** is the 20% darker color. If you saturate the color by 10%, you get **4280382554**, and if you desaturate by 10%, it is **4281955426**.

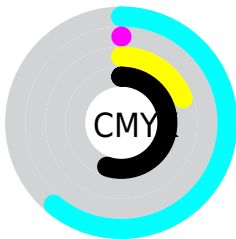
Distribution



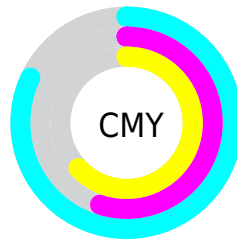
- Red (18%)
- Green (45%)
- Blue (37%)



- Red (18%)
- Yellow (34%)
- Blue (45%)



- Cyan (61%)
- Magenta (0%)
- Yellow (19%)
- Black (55%)



- Cyan (82%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281168990 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 4281168990 by changing the saturation by 10% instead.



4281168990



4281168990

4294967295



4279065414



4284656016



4278207280



4286432427



4278201371



4288209094



4278195968



4290051554



4278190080



4291887103



4293787647



4281168990



4281168990



4280382554



4281955426

■ 4279661655

■ 4282676325

■ 4278875219

■ 4283462761

■ 4278219856

■ 4284183660

■ 4284970096

■ 4285756532

■ 4286477431

■ 4287263867

■ 4287984766

Harmonies

Analogous

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



4283330888



4281168990



4278220150

Triad

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



4281168990



4284310933



4287585094

Complementary

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



4281168990



4285803843

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.



4288042586



4281168990



4286406024

Square

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



4281168990



4281560470



4287649394



4286538809

Rectangle

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



4281168990



4278219653



4287649394



4287846732

Sweetspot

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



4281168990



4286289550



4282610733



4282142023



4291611852



4283256141

Same Dimension

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



4281168990



4280915572



4281165684



4281678649



4278221396



4278254252

Inverse Universe

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



4285803843



4288031051



4285807149



4282070327



4286185510



4294574157

Previews

White Background



This preview shows how the Android color 4281168990 looks on a white background.

Color Contrast Check

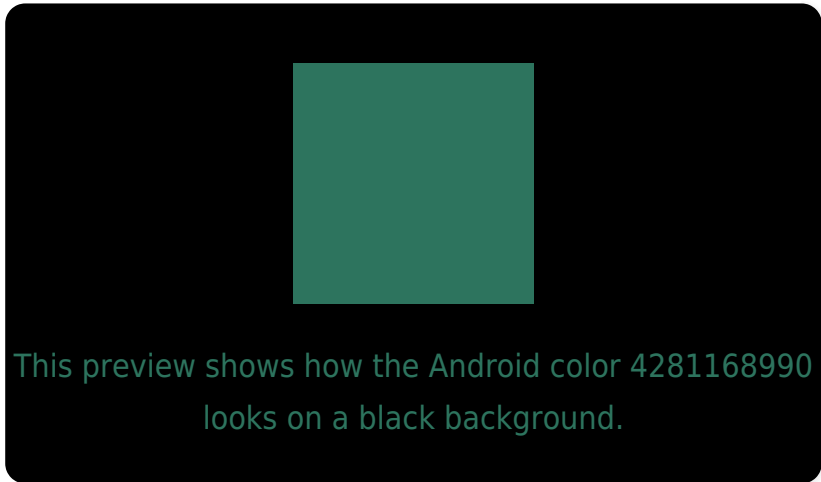
Large Text (above 18pt) WCAG AA ✓ Pass

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

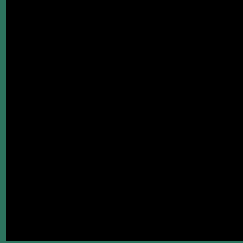
Any Text WCAG AA × Fail

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 4281168990 Background



This preview shows how black text looks on a background with the Android color 4281168990.



This preview shows how white text looks on a background with the Android color 4281168990.

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
4281168990

Protanopia
4285359960

Deuteranopia
4285817953

Trichromacy



Original Color
4281168990

Protanomaly
4283853914

Deuteranomaly
4284115552

Tritanomaly
4281561455

Monochromacy



Original Color
4281168990

Achromatopsia
4284243036

Achromatomaly
4283131229

CSS Examples

Text

The CSS property to change the color of the text to Android 4281168990 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(45, 116, 94)` looks like.

```
.text, #text, p{  
    color:rgb(45, 116, 94)  
}
```

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(45, 116, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 116, 94) }
```

Border

The CSS property to change the border of an element to Android 4281168990 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(45, 116, 94) }
```

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

```
.border{ border-color:rgb(45, 116, 94) }
```

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

Here you see how a box with a 4 pixel rgb(45, 116, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 116, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 116, 94);  
box-shadow:4px 4px 4px 4px rgb(45, 116,  
94) }
```

Background

The CSS property to change the background color of an element to Android 4281168990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 116, 94) }
```

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

```
.background{ background-color: rgb(45, 116,  
94) }
```

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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