

Converting Colors

Android(4280442189)

Have a look what the booklet for
Android(4280442189) contains.

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Color

Android(4280442189)

Conversions

Conversions Part 1

Format	Color
Hex	225D4D
RGB	34, 93, 77
RGB Percent	13%, 36%, 30%
CMY	0.8667, 0.6353, 0.6980
CMYK	0.63, 0.00, 0.17, 0.64
HSL	164°, 46%, 25%
HSV	164°, 63%, 36%
XYZ	5.9136, 8.7046, 8.3897
YIQ	73.5350, -30.0280, -17.4840

Conversions

Conversions Part 2

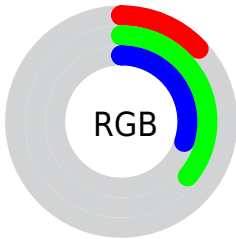
Format	Color
RYB	34, 68, 93
Decimal	2252109
CIELab	35.41, -23.47, 3.53
CIELCh	35, 23.730, 171.443
Yxy	8.7046, 0.2570, 0.3783
Android (android.graphics.Color)	4280442189 (0xFF225D4D)
YUV	73.5350, 1.7082, -34.6722
Hunter-Lab	29.5036, -15.8533, 3.7927




Details

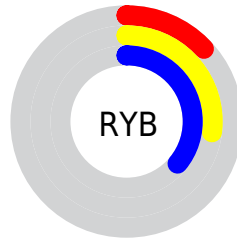
The Android color **4280442189** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4284293682**, and the grayscale version is **4283058762**.




A 20% lighter version of the original color is **4283797630**, and **4278201889** is the 20% darker color. If you saturate the color by 10%, you get **4279852362**, and if you desaturate by 10%, it is **4281032016**.

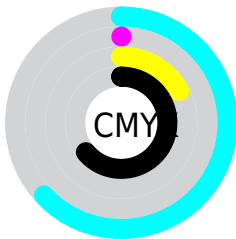
Distribution







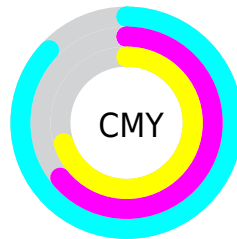
-  Red (13%)
-  Green (36%)
-  Blue (30%)






-  Red (13%)
-  Yellow (27%)
-  Blue (36%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (17%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (64%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280442189 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 4280442189 by changing the saturation by 10% instead.

 4280442189

 4280442189

4294967295

 4278338870

 4283797630

 4278201889

 4285508248

 4278197258

 4287284914

 4278190080

 4289061582

 4290904042

 4292739071

 4294639615

 4280442189

 4280442189

■ 4279852362

■ 4281032016

■ 4279197000

■ 4281687378

■ 4278607173

■ 4282277205

■ 4278213956

■ 4282867031

■ 4283522394

■ 4284112220

■ 4284702047

■ 4285291873

■ 4285947236

Harmonies

Analogous

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



4282145595



4280442189



4278213984

Triad

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



4280442189



4283256950



4285680182

Complementary

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



4280442189



4284293682

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.



4286072134



4280442189



4284893547

Square

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



4280442189



4281161592



4285810010



4284764206

Rectangle

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



4280442189



4278213740



4285810010



4285876283

Sweetspot

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



4280442189



4284577906



4281556258



4281285945



4290624957



4282203453

Same Dimension

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



4280442189



4280121439



4280438877



4280888877



4278218320



4278250925

Inverse Universe

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



4284293682



4286061877



4284296994



4281215275



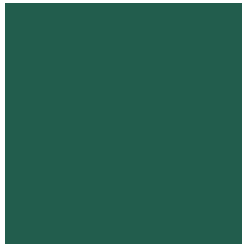
4285399070



4293722176

Previews

White Background



This preview shows how the Android color 4280442189 looks on a white background.

Color Contrast Check

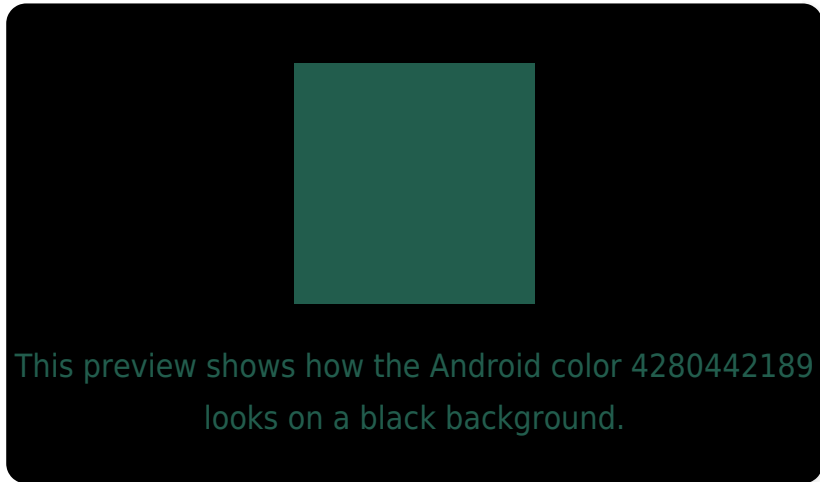
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280442189 Background



This preview shows how black text looks on a background with the Android color 4280442189.



This preview shows how white text looks on a background with the Android color 4280442189.

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

[4280442189](#)

Protanopia

[4283913032](#)

Deuteranopia

[4284239952](#)

Trichromacy



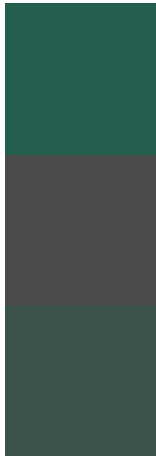
Original Color
4280442189

Protanomaly
4282668874

Deuteranomaly
4282864975

Tritanomaly
4280769370

Monochromacy



Original Color
4280442189

Achromatopsia
4283058762

Achromatomaly
4282077515

CSS Examples

Text

The CSS property to change the color of the text to Android 4280442189 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(34, 93, 77)` looks like.

```
.text, #text, p{  
    color:rgb(34, 93, 77)  
}
```

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(34, 93, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 93, 77) }
```

Border

The CSS property to change the border of an element to Android 4280442189 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(34, 93, 77) }
```

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

```
.border{ border-color:rgb(34, 93, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 93, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 93, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 93, 77);  
box-shadow:4px 4px 4px 4px rgb(34, 93, 77)  
}
```

Background

The CSS property to change the background color of an element to Android 4280442189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 93, 77) }
```

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

```
.background{ background-color: rgb(34, 93,  
77) }
```

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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