

Converting Colors

Android(4280383561)

Have a look what the booklet for
Android(4280383561) contains.

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Color

Android(4280383561)

Conversions

Conversions Part 1

Format	Color
Hex	217849
RGB	33, 120, 73
RGB Percent	13%, 47%, 29%
CMY	0.8706, 0.5294, 0.7137
CMYK	0.72, 0.00, 0.39, 0.53
HSL	148°, 57%, 30%
HSV	148°, 72%, 47%
XYZ	8.5463, 14.2373, 8.6010
YIQ	88.6290, -36.7650, -33.0610

Conversions

Conversions Part 2

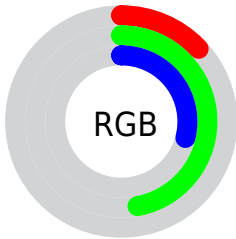
Format	Color
RYB	33, 93, 120
Decimal	2193481
CIELab	44.57, -37.08, 18.62
CIELCh	45, 41.495, 153.339
Yxy	14.2373, 0.2723, 0.4536
Android (android.graphics.Color)	4280383561 (0xFF217849)
YUV	88.6290, -7.7051, -48.7866
Hunter-Lab	37.7324, -25.6019, 12.8977

Details

The Android color `4280383561` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4286062928`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4284132730`, and `4278208028` is the 20% darker color. If you saturate the color by 10%, you get `4279597123`, and if you desaturate by 10%, it is `4281169999`.

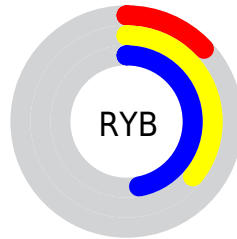
Distribution



Red (13%)

Green (47%)

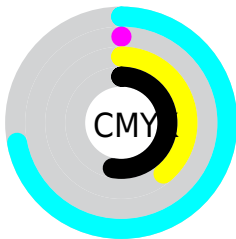
Blue (29%)



Red (13%)

Yellow (36%)

Blue (47%)

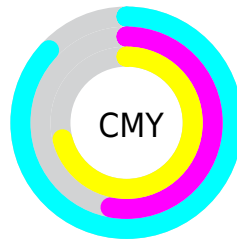


Cyan (72%)

Magenta (0%)

Yellow (39%)

Black (53%)



Cyan (87%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280383561 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 4280383561 by changing the saturation by 10% instead.



4280383561



4280383561

4294967295



4278214450



4284132730



4278208028



4285909396



4278202117



4287751599



4278196480



4289593290



4278190080



4291428326



4293328895



4280383561



4280383561



4279597123



4281169999

■ 4278810684

■ 4281956438

■ 4278220855

■ 4282742876

■ 4283529315

■ 4284315753

■ 4285102192

■ 4285888630

■ 4286675069

■ 4287461507

Harmonies

Analogous

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



4283789868



4280383561



4278221420

Triad

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



4280383561



4280839342



4289089605

Complementary

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



4280383561



4286062928

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.



4289219175



4280383561



4285554595

Square

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



4280383561



4278220199



4288106889



4287978539

Rectangle

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



4280383561



4278221444



4288106889



4289285456

Sweetspot

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



4280383561



4286160009



4283529249



4282011460



4291809231



4283387727

Same Dimension

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



4280383561



4279540818



4280383604



4281810234



4278222137



4278254708

Inverse Universe

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



4286062928



4288418909



4286062885



4282201914



4286382148



4294705288

Previews

White Background



This preview shows how the Android color 4280383561 looks on a white background.

Color Contrast Check

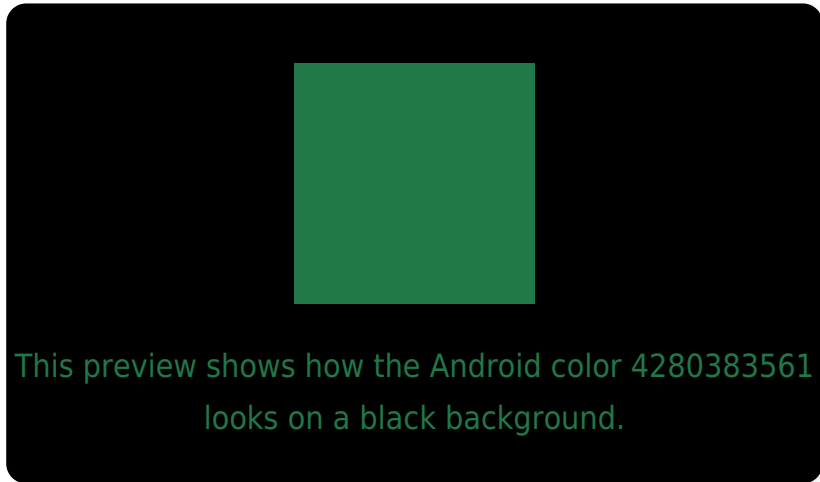
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280383561 Background



This preview shows how black text looks on a background with the Android color 4280383561.



This preview shows how white text looks on a background with the Android color 4280383561.

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
4280383561

Protanopia
4285688131

Deuteranopia
4286342222

Trichromacy



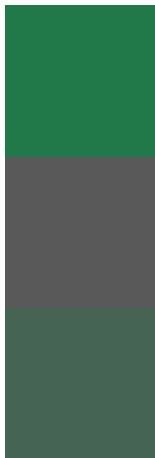
Original Color
4280383561

Protanomaly
4283788869

Deuteranomaly
4284181324

Tritanomaly
4281234537

Monochromacy



Original Color
4280383561

Achromatopsia
4284045657

Achromatomaly
4282737747

CSS Examples

Text

The CSS property to change the color of the text to Android 4280383561 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, 120, 73)` looks like.

```
.text, #text, p{  
    color:rgb(33, 120, 73)  
}
```

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, 120, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 120, 73) }
```

Border

The CSS property to change the border of an element to Android 4280383561 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, 120, 73) }
```

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

```
.border{ border-color:rgb(33, 120, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 120, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 120, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 120, 73);  
box-shadow:4px 4px 4px 4px rgb(33, 120,  
73) }
```

Background

The CSS property to change the background color of an element to Android 4280383561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 120, 73) }
```

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

```
.background{ background-color: rgb(33, 120,  
73) }
```

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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