

Converting Colors

Android(4280580405)

Have a look what the booklet for
Android(4280580405) contains.

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Color

Android(4280580405)

Conversions

Conversions Part 1

Format	Color
Hex	247935
RGB	36, 121, 53
RGB Percent	14%, 47%, 21%
CMY	0.8588, 0.5255, 0.7922
CMYK	0.70, 0.00, 0.56, 0.53
HSL	132°, 54%, 31%
HSV	132°, 70%, 47%
XYZ	8.2075, 14.3069, 5.6971
YIQ	87.8330, -28.8320, -39.1680

Conversions

Conversions Part 2

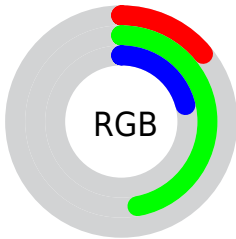
Format	Color
RYB	36, 107, 121
Decimal	2390325
CIELab	44.67, -40.51, 29.80
CIELCh	45, 50.287, 143.660
Yxy	14.3069, 0.2909, 0.5071
Android (android.graphics.Color)	4280580405 (0xFF247935)
YUV	87.8330, -17.1727, -45.4575
Hunter-Lab	37.8244, -27.4599, 17.5469

Details

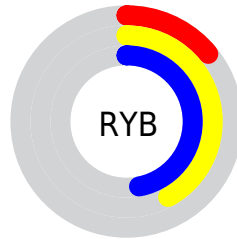
The Android color `4280580405` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4286129256`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284329573`, and `4278208261` is the 20% darker color. If you saturate the color by 10%, you get `4279793963`, and if you desaturate by 10%, it is `4281366847`.

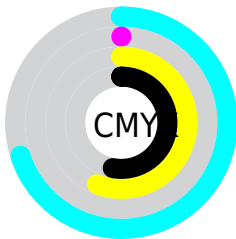
Distribution



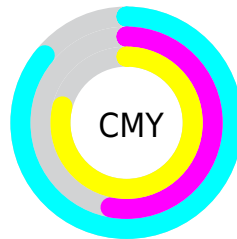
- Red (14%)
- Green (47%)
- Blue (21%)



- Red (14%)
- Yellow (42%)
- Blue (47%)



- Cyan (70%)
- Magenta (0%)
- Yellow (56%)
- Black (53%)



- Cyan (86%)
- Magenta (53%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280580405 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 4280580405 by changing the saturation by 10% instead.



4280580405



4280580405

4294967295



4278214686



4284329573



4278208261



4286106239



4278202368



4287948441



4278196480



4289724340



4278190080



4291624912



4293525485



4280580405



4280580405



4279793963



4281366847

■ 4279007522

■ 4282153288

■ 4278221080

■ 4282939730

■ 4283726172

■ 4284512613

■ 4285364591

■ 4286151033

■ 4286937474

■ 4287723916

Harmonies

Analogous

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



4284379409



4280580405



4278222175

Triad

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



4280580405



4278219197



4290004043

Complementary

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



4280580405



4286129256

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.



4289741172



4280580405



4284048055

Square

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



4280580405



4278221485



4287909788



4288959526

Rectangle

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



4280580405



4278222204



4287909788



4290068824

Sweetspot

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



4280580405



4286422660



4285036836



4282076991



4291809231



4283387727

Same Dimension

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



4280580405



4279868980



4280580448



4281810232



4278222105



4278254642

Inverse Universe

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



4286129256



4288551300



4286129214



4282201916



4286382180



4294705354

Previews

White Background



This preview shows how the Android color 4280580405 looks on a white background.

Color Contrast Check

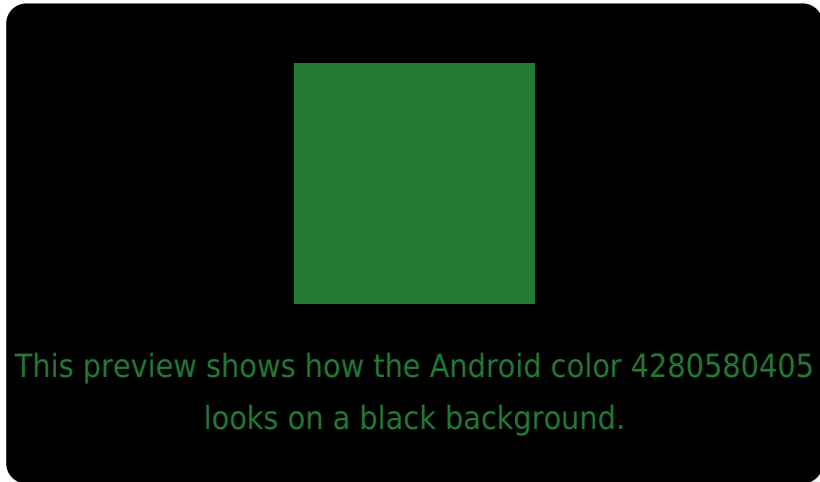
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280580405 Background



This preview shows how black text looks on a background with the Android color 4280580405.



This preview shows how white text looks on a background with the Android color 4280580405.

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
4280580405

Protanopia
4285884720

Deuteranopia
4286604347

Trichromacy



Original Color
4280580405

Protanomaly
4283985714

Deuteranomaly
4284443705

Tritanomaly
4281496930

Monochromacy



Original Color
4280580405

Achromatopsia
4283979864

Achromatomaly
4282737739

CSS Examples

Text

The CSS property to change the color of the text to Android 4280580405 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(36, 121, 53)` looks like.

```
.text, #text, p{  
    color:rgb(36, 121, 53)  
}
```

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(36, 121, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 121, 53) }
```

Border

The CSS property to change the border of an element to Android 4280580405 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(36, 121, 53) }
```

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

```
.border{ border-color:rgb(36, 121, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 121, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 121, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 121, 53);  
box-shadow:4px 4px 4px 4px rgb(36, 121,  
53) }
```

Background

The CSS property to change the background color of an element to Android 4280580405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 121, 53) }
```

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

```
.background{ background-color: rgb(36, 121,  
53) }
```

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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