

Converting Colors

Android(4280580901)

Have a look what the booklet for
Android(4280580901) contains.

Android(4280580901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280580901)

Conversions

Conversions Part 1

Format	Color
Hex	247B25
RGB	36, 123, 37
RGB Percent	14%, 48%, 15%
CMY	0.8588, 0.5176, 0.8549
CMYK	0.71, 0.00, 0.70, 0.52
HSL	121°, 55%, 31%
HSV	121°, 71%, 48%
XYZ	8.1444, 14.6746, 4.1535
YIQ	87.1830, -24.2460, -45.1900

Conversions

Conversions Part 2

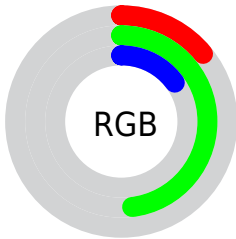
Format	Color
RYB	36, 122, 123
Decimal	2390821
CIELab	45.19, -43.30, 38.17
CIELCh	45, 57.716, 138.603
Yxy	14.6746, 0.3020, 0.5441
Android (android.graphics.Color)	4280580901 (0xFF247B25)
YUV	87.1830, -24.7402, -44.8875
Hunter-Lab	38.3074, -29.0875, 20.3866

Details


The Android color `4280580901` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4286260346`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4284395606`, and `4278208768` is the 20% darker color. If you saturate the color by 10%, you get `4279794457`, and if you desaturate by 10%, it is `4281367345`.

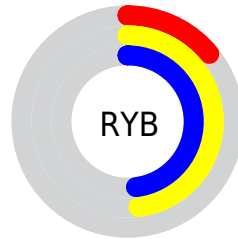
Distribution



 Red (14%)

 Green (48%)

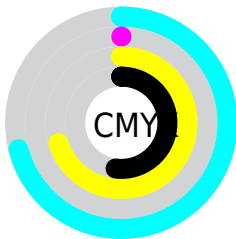
 Blue (15%)




 Red (14%)

 Yellow (48%)

 Blue (48%)

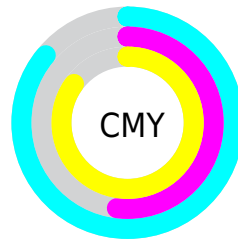


 Cyan (71%)


 Magenta (0%)

 Yellow (70%)

 Black (52%)



 Cyan (86%)

 Magenta (52%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280580901 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 4280580901 by changing the saturation by 10% instead.



4280580901



4280580901

4294967295



4278214922



4284395606



4278208768



4286237808



4278202624



4288014730



4278196992



4289855397



4278190080



4291755969



4293656541



4294967290



4280580901



4280580901

■ 4279794457

■ 4281367345

■ 4278942477

■ 4282219325

■ 4278221569

■ 4283005769

■ 4283792214

■ 4284644194

■ 4285430638

■ 4286217082

■ 4287003526

■ 4287855506

Harmonies

Analogous

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



4284838400



4280580901



4278222934

Triad

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



4280580901



4278220490



4290787663

Complementary

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



4280580901



4286260346

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.



4290198143



4280580901



4282279623

Square

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



4280580901



4278222515



4287778731



4289744162

Rectangle

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



4280580901



4278223224



4287778731



4290786911

Sweetspot

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



4280580901



4286554495



4286282532



4282208829



4291940817



4283585106

Same Dimension

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



4280580901



4279804186



4280580943



4281810231



4278222081



4278254595

Inverse Universe

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



4286260346



4288747679



4286260303



4282201917



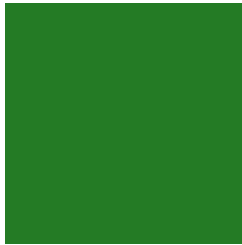
4286382204



4294705402

Previews

White Background



This preview shows how the Android color 4280580901 looks on a white background.

Color Contrast Check

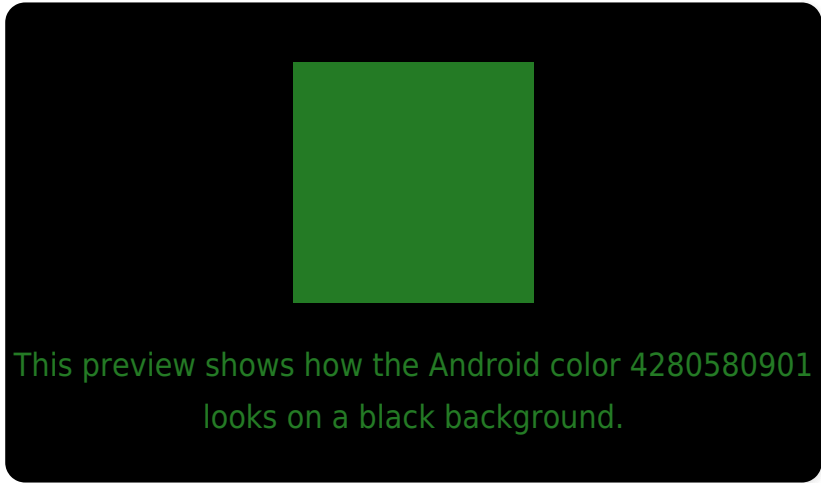
Large Text (above 18pt) WCAG AA ✓ Pass

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

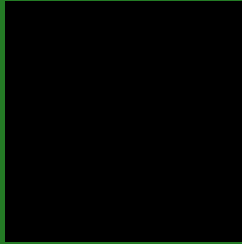
Any Text WCAG AA × Fail

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 4280580901 Background



This preview shows how black text looks on a background with the Android color 4280580901.



This preview shows how white text looks on a background with the Android color 4280580901.

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
4280580901

Protanopia
4286016289

Deuteranopia
4286866733

Trichromacy



Original Color
4280580901

Protanomaly
4284051746

Deuteranomaly
4284575018

Tritanomaly
4281562716

Monochromacy



Original Color
4280580901

Achromatopsia
4283914071

Achromatomaly
4282672197

CSS Examples

Text

The CSS property to change the color of the text to Android 4280580901 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, 123, 37)` looks like.

```
.text, #text, p{  
    color:rgb(36, 123, 37)  
}
```

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, 123, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 123, 37) }
```

Border

The CSS property to change the border of an element to Android 4280580901 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, 123, 37) }
```

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

```
.border{ border-color:rgb(36, 123, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 123, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 123, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 123, 37);  
box-shadow:4px 4px 4px 4px rgb(36, 123,  
37) }
```

Background

The CSS property to change the background color of an element to Android 4280580901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 123, 37) }
```

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

```
.background{ background-color: rgb(36, 123,  
37) }
```

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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