

Converting Colors

Android(4280005682)

Have a look what the booklet for
Android(4280005682) contains.

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Color

Android(4280005682)

Conversions

Conversions Part 1

Format	Color
Hex	1BB432
RGB	27, 180, 50
RGB Percent	11%, 71%, 20%
CMY	0.8941, 0.2941, 0.8039
CMYK	0.85, 0.00, 0.72, 0.29
HSL	129°, 74%, 41%
HSV	129°, 85%, 71%
XYZ	17.3490, 33.1058, 8.4933
YIQ	119.4330, -49.4580, -72.8660

Conversions

Conversions Part 2

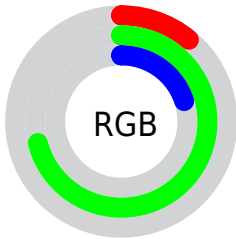
Format	Color
RYB	27, 160, 180
Decimal	1815602
CIELab	64.25, -62.26, 52.90
CIELCh	64, 81.702, 139.647
Yxy	33.1058, 0.2943, 0.5616
Android (android.graphics.Color)	4280005682 (0xFF1BB432)
YUV	119.4330, -34.2305, -81.0637
Hunter-Lab	57.5377, -46.8689, 31.5244

Details

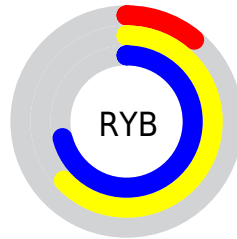
The Android color `4280005682` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4289993629`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285066600`, and `4278222080` is the 20% darker color. If you saturate the color by 10%, you get `4278826019`, and if you desaturate by 10%, it is `4281185345`.

Distribution



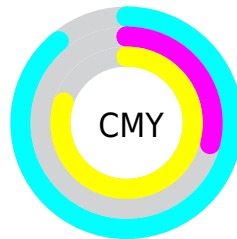
- Red (11%)
- Green (71%)
- Blue (20%)



- Red (11%)
- Yellow (63%)
- Blue (71%)



- Cyan (85%)
- Magenta (0%)
- Yellow (72%)
- Black (29%)



- Cyan (89%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280005682 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 4280005682 by changing the saturation by 10% instead.

 4280005682

 4280005682

4294967295

 4278229010

 4285066600


 4278222080

 4287037315

 4278215424

 4289068958

 4278209024

 4291035066

 4278203136

 4293001175

 4278195968

 4294967284

 4278190080

 4280005682

 4280005682

 4278826019

 4281185345

■ 4278236187

■ 4282365009

■ 4283544672

■ 4284724335

■ 4285903998

■ 4287083662

■ 4288263325

■ 4289442988

■ 4290622652

Harmonies

Analogous

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



4287538944



4280005682



4278237823

Triad

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



4280005682



4278234367



4294921328

Complementary

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



4280005682



4289993629

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.



4294921144



4280005682



4283929599

Square

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



4280005682



4278237439



4292440059



4294929962

Rectangle

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



4280005682



4278238386



4292440059



4294919815

Sweetspot

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



4280005682



4289653687



4288525339



4283528534



4294309365



4285887861

Same Dimension

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



4280005682



4278250275



4280005758



4283455826



4278229271



4278196740

Inverse Universe

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



4289993629



4293591239



4289993553



4284043352



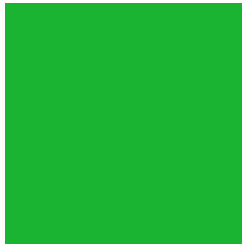
4288217218



4279894038

Previews

White Background



This preview shows how the Android color 4280005682 looks on a white background.

Color Contrast Check

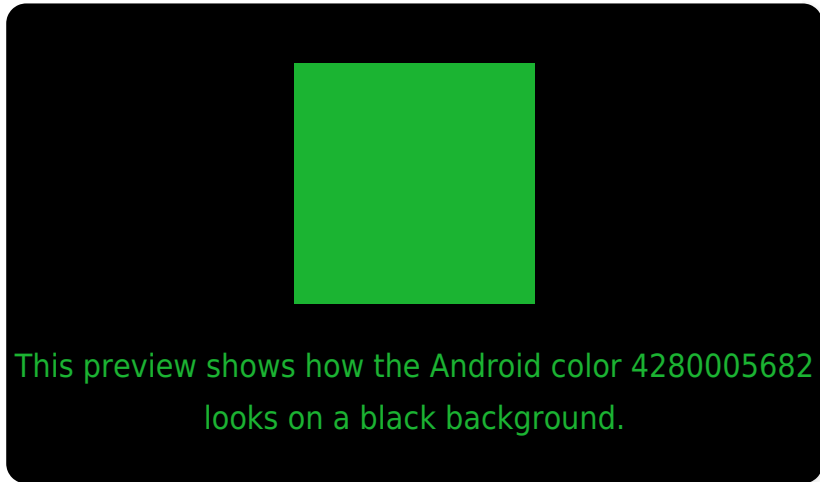
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280005682 Background



This preview shows how black text looks on a background with the Android color 4280005682.



This preview shows how white text looks on a background with the Android color 4280005682.

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
4280005682

Protanopia
4289567531

Deuteranopia
4290810686

Trichromacy



Original Color

4280005682



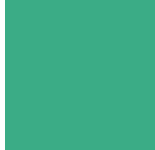
Protanomaly

4286096430



Deuteranomaly

4286881594



Tritanomaly

4282100870

Monochromacy



Original Color

4280005682



Achromatopsia

4286019447



Achromatomaly

4283862366

CSS Examples

Text

The CSS property to change the color of the text to Android 4280005682 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(27, 180, 50)` looks like.

```
.text, #text, p{  
    color:rgb(27, 180, 50)  
}
```

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(27, 180, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 180, 50) }
```

Border

The CSS property to change the border of an element to Android 4280005682 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(27, 180, 50) }
```

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

```
.border{ border-color:rgb(27, 180, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 180, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 180, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 180, 50);  
box-shadow:4px 4px 4px 4px rgb(27, 180,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4280005682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 180, 50) }
```

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

```
.background{ background-color: rgb(27, 180,  
50) }
```

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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