

# Converting Colors

Android(4280051456)

Have a look what the booklet for  
Android(4280051456) contains.

<b>Android(4280051456)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4280051456)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C6700
RGB	28, 103, 0
RGB Percent	11%, 40%, 0%
CMY	0.8902, 0.5961, 1.0000
CMYK	0.73, 0.00, 1.00, 0.60
HSL	104°, 100%, 20%
HSV	104°, 100%, 40%
XYZ	5.3291, 9.9474, 1.6392
YIQ	68.8330, -11.6370, -47.9330

# Conversions

## Conversions Part 2

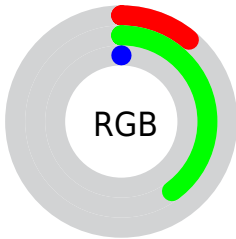
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 75
Decimal	1861376
CIELab	37.75, -40.30, 43.28
CIELCh	38, 59.142, 132.955
Yxy	9.9474, 0.3150, 0.5881
Android (android.graphics.Color)	4280051456 (0xFF1C6700)
YUV	68.8330, -33.9347, -35.8105
Hunter-Lab	31.5395, -25.0334, 18.9962

# Details

The Android color `4280051456` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4283105383`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4283865913`, and `4278204160` is the 20% darker color. If you saturate the color by 10%, you get `4280051456`, and if you desaturate by 10%, it is `4280510218`.

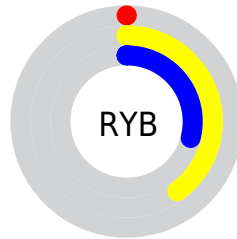
# Distribution



Red (11%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (29%)

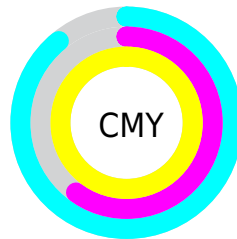


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (89%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280051456 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 4280051456 by changing the saturation by 10% instead.



 4280051456

 4280051456

 4294967286

 4278210048

 4283865913

 4278204160

 4285642323

 4278198784

 4287418988

 4278190080

 4289261447

 4291100578

 4293001149

 4294967258

 4280051456

■ 4280510218

■ 4281034517

■ 4281493279

■ 4282017577

■ 4282541876

■ 4283000638

■ 4283524936

■ 4283983698

■ 4284507997

# Harmonies

## Analogous

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



4284112128



4280051456



4278217787

# Triad

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



4280051456



4278216373



4289403718

# Complementary

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



4280051456



4283105383

# 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.



4288619638



4280051456



4278212791

# Square

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



4280051456



4278217881



4285743520



4288689176

# Rectangle

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



4280051456



4278218076



4285743520



4289337686



# Sweetspot

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



4280051456



4285171551



4284959232



4281550124



4291085508



4282729797



# Same Dimension

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



4280051456



4280649472



4278216470



4281283374



4280251136



4282577408



# Inverse Universe

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



4283105383



4284612743



4284940369



4281478707



4283695219

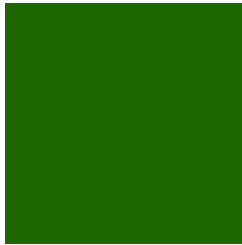


4289724658



# Previews

## White Background



This preview shows how the Android color 4280051456 looks on a white background.

## Color Contrast Check

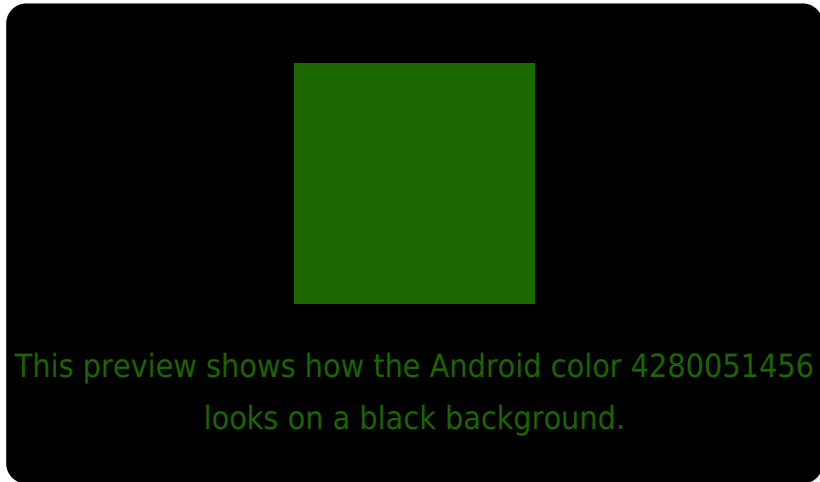
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280051456 Background



This preview shows how black text looks on a background with the Android color 4280051456.



This preview shows how white text looks on a background with the Android color 4280051456.

# 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**  
4280051456

**Protanopia**  
4284766464

**Deuteranopia**  
4285486102



# Trichromacy



**Original Color**  
4280051456

**Protanomaly**  
4283063808

**Deuteranomaly**  
4283521806

**Tritanomaly**  
4280968002

# Monochromacy



**Original Color**  
4280051456

**Achromatopsia**  
4282729797

**Achromatomaly**  
4281749804

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280051456 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(28, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(28, 103, 0)  
}
```

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(28, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 103, 0) }
```

## Border

The CSS property to change the border of an element to Android 4280051456 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(28, 103, 0) }
```

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

```
.border{ border-color:rgb(28, 103, 0) }
```

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

Here you see how a box with a 4 pixel rgb(28, 103, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(28, 103, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280051456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 103, 0) }
```

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

```
.background{ background-color: rgb(28, 103,  
0) }
```

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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