

# Converting Colors

Android(4280510464)

Have a look what the booklet for  
Android(4280510464) contains.

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# Color

**Android(4280510464)**

# Conversions

## Conversions Part 1

Format	Color
Hex	236800
RGB	35, 104, 0
RGB Percent	14%, 41%, 0%
CMY	0.8627, 0.5922, 1.0000
CMYK	0.66, 0.00, 1.00, 0.59
HSL	100°, 100%, 20%
HSV	100°, 100%, 41%
XYZ	5.6435, 10.2580, 1.6825
YIQ	71.5130, -7.7400, -46.9720

# Conversions

## Conversions Part 2

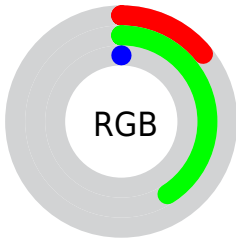
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 69
Decimal	2320384
CIELab	38.30, -39.00, 43.81
CIELCh	38, 58.650, 131.675
Yxy	10.2580, 0.3209, 0.5834
Android (android.graphics.Color)	4280510464 (0xFF236800)
YUV	71.5130, -35.2559, -32.0219
Hunter-Lab	32.0280, -24.5968, 19.3049

# Details

The Android color `4280510464` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4282712168`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4284193850`, and `4278204416` is the 20% darker color. If you saturate the color by 10%, you get `4280510464`, and if you desaturate by 10%, it is `4280969226`.

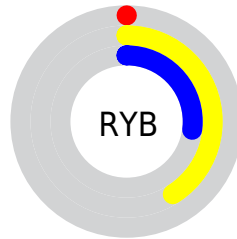
# Distribution



Red (14%)

Green (41%)

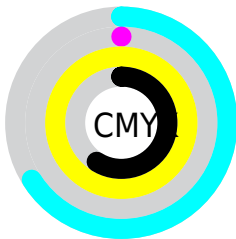
Blue (0%)



Red (0%)

Yellow (41%)

Blue (27%)

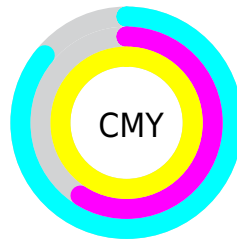


Cyan (66%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (86%)

Magenta (59%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280510464 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 4280510464 by changing the saturation by 10% instead.



 4280510464

 4280510464

 4294967287

 4278210304

 4284193850

 4278204416

 4285970259

 4278199296

 4287746925

 4278190080

 4289589383

 4291428258

 4293328830

 4294967258

 4280510464

 4280969226

 4281427989

 4281886751

 4282345514

 4282804276

 4283197502

 4283656265

 4284115027

 4284573790

# Harmonies

## Analogous

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



4284308992



4280510464



4278218042

# Triad

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



4280510464



4278216885



4289535562

# Complementary

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



4280510464



4282712168

# 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.



4288620665



4280510464



4278213304

# Square

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



4280510464



4278218393



4285678754



4288820508

# Rectangle

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



4280510464



4278218588



4285678754



4289404250



# Sweetspot

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



4280510464



4285302623



4285023232



4281615660



4291085508



4282729797



# Same Dimension

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



4280510464



4281173760



4278216720



4281348910



4280775424



4283625984



# Inverse Universe

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



4282712168



4284088455



4285005912



4281413171



4283170931

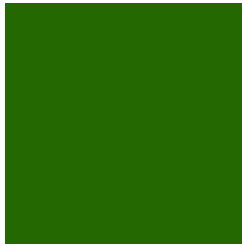


4288741618



# Previews

## White Background



This preview shows how the Android color 4280510464 looks on a white background.

## Color Contrast Check

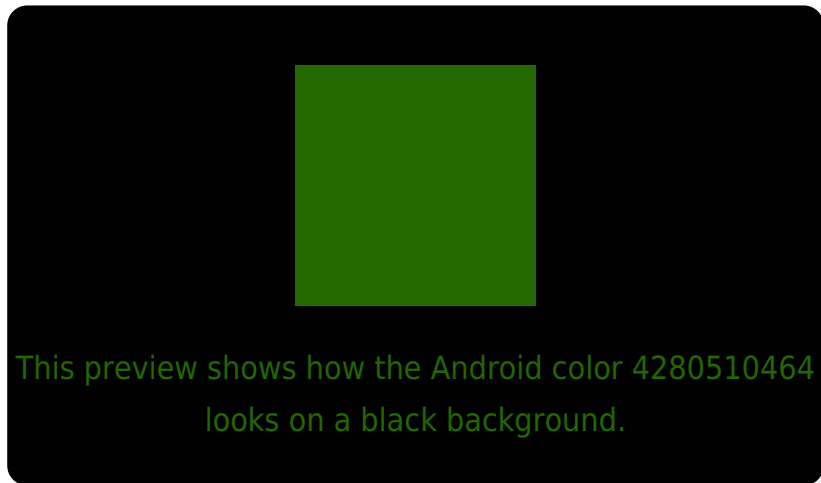
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280510464 Background



This preview shows how black text looks on a background with the Android color 4280510464.



This preview shows how white text looks on a background with the Android color 4280510464.

# 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**  
4280510464

**Protanopia**  
4284832256

**Deuteranopia**  
4285617430



# Trichromacy



**Original Color**  
4280510464

**Protanomaly**  
4283260672

**Deuteranomaly**  
4283784206

**Tritanomaly**  
4281295938

# Monochromacy



**Original Color**  
4280510464

**Achromatopsia**  
4282927176

**Achromatomaly**  
4282078254

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280510464 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(35, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(35, 104, 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(35, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 104, 0) }
```

## Border

The CSS property to change the border of an element to Android 4280510464 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(35, 104, 0) }
```

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

```
.border{ border-color:rgb(35, 104, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(35, 104, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280510464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 104, 0) }
```

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

```
.background{ background-color: rgb(35, 104,  
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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