

# Converting Colors

Android(4280505624)

Have a look what the booklet for  
Android(4280505624) contains.

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# Color

**Android(4280505624)**

# Conversions

## Conversions Part 1

Format	Color
Hex	235518
RGB	35, 85, 24
RGB Percent	14%, 33%, 9%
CMY	0.8627, 0.6667, 0.9059
CMYK	0.59, 0.00, 0.72, 0.67
HSL	109°, 56%, 21%
HSV	109°, 72%, 33%
XYZ	4.1065, 6.9203, 1.9835
YIQ	63.0960, -10.2190, -29.5710

# Conversions

## Conversions Part 2

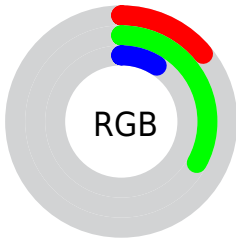
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 85, 74
Decimal	2315544
CIE <sub>Lab</sub>	31.62, -29.83, 29.49
CIE <sub>LCh</sub>	32, 41.945, 135.332
Yxy	6.9203, 0.3156, 0.5319
Android (android.graphics.Color)	4280505624 (0xFF235518)
YUV	63.0960, -19.2743, -24.6402
Hunter-Lab	26.3064, -18.1719, 13.9441

# Details

The Android color `4280505624` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4283045973`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4283860807`, and `4278200064` is the 20% darker color. If you saturate the color by 10%, you get `4280046863`, and if you desaturate by 10%, it is `4280964384`.

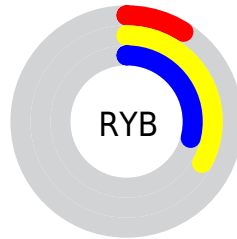
# Distribution



Red (14%)

Green (33%)

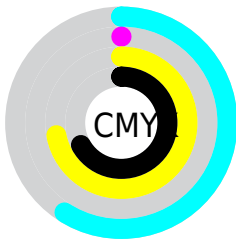
Blue (9%)



Red (9%)

Yellow (33%)

Blue (29%)

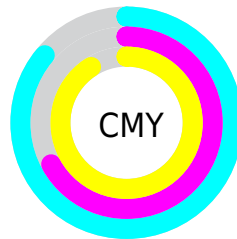


Cyan (59%)

Magenta (0%)

Yellow (72%)

Black (67%)



Cyan (86%)

Magenta (67%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280505624 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 4280505624 by changing the saturation by 10% instead.





4280505624



4280505624

4294967295



4278598912



4283860807



4278200064



4285506143



4278192896



4287282552



4278190080



4289059218



4290835885



4292739017



4294639589



4280505624



4280505624

■ 4280046863

■ 4280964384

■ 4279588103

■ 4281423145

■ 4279194880

■ 4281881905

■ 4282340666

■ 4282799426

■ 4283258187

■ 4283716947

■ 4284175708

■ 4284634468

# Harmonies

## Analogous

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



4283059712



4280505624



4278212921

# Triad

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



4280505624



4278211466



4286916923

# Complementary

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



4280505624



4283045973

# 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.



4286393436



4280505624



4280633482

# Square

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



4280505624



4278212729



4284562041



4286330140

# Rectangle

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



4280505624



4278213200



4284562041



4286916678



# Sweetspot

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



4280505624



4284116566



4283779608



4281088042



4290295992



4281874488



# Same Dimension

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



4280505624



4280315407



4279784747



4280822567



4279462656



4281002752



# Inverse Universe

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



4283045973



4284288878



4283766850



4281018155



4283957355

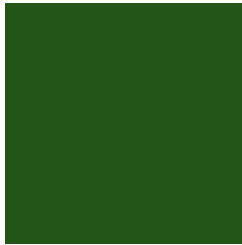


4290773227



# Previews

## White Background



This preview shows how the Android color 4280505624 looks on a white background.

## Color Contrast Check

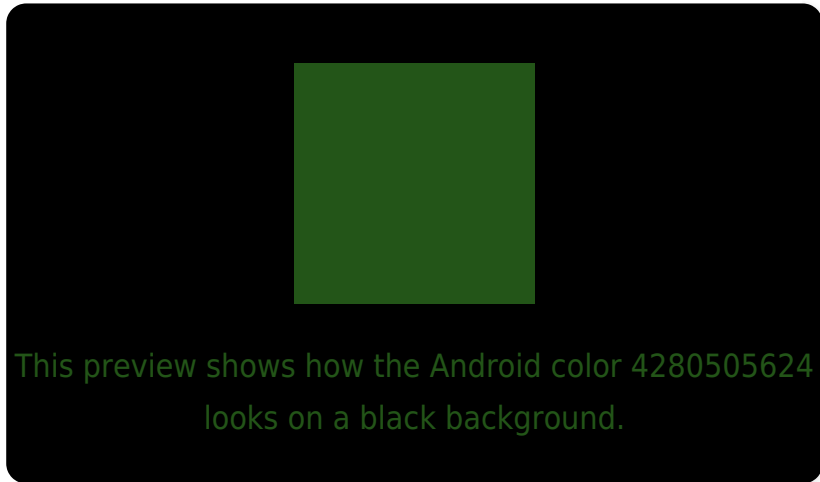
Large Text (above 18pt) WCAG AA ✓ Pass

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

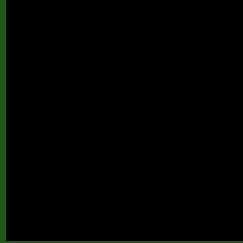
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280505624 Background



This preview shows how black text looks on a background with the Android color 4280505624.



This preview shows how white text looks on a background with the Android color 4280505624.

# 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**  
4280505624

**Protanopia**  
4283648533

**Deuteranopia**  
4284237597



# Trichromacy



**Original Color**  
4280505624

**Protanomaly**  
4282535446

**Deuteranomaly**  
4282862619

**Tritanomaly**  
4281028927

# Monochromacy



**Original Color**  
4280505624

**Achromatopsia**  
4282335039

**Achromatomaly**  
4281681713

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280505624 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, 85, 24)` looks like.

```
.text, #text, p{  
    color:rgb(35, 85, 24)  
}
```

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, 85, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 85, 24) }
```

## Border

The CSS property to change the border of an element to Android 4280505624 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, 85, 24) }
```

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

```
.border{ border-color:rgb(35, 85, 24) }
```

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

Here you see how a box with a 4 pixel rgb(35, 85, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 85, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 85, 24);  
box-shadow:4px 4px 4px 4px rgb(35, 85, 24)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280505624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 85, 24) }
```

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

```
.background{ background-color: rgb(35, 85,  
24) }
```

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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