

# Converting Colors

Android(4280375042)

Have a look what the booklet for  
Android(4280375042) contains.

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# Color

**Android(4280375042)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	215702
RGB	33, 87, 2
RGB Percent	13%, 34%, 1%
CMY	0.8706, 0.6588, 0.9922
CMYK	0.62, 0.00, 0.98, 0.66
HSL	98°, 96%, 17%
HSV	98°, 98%, 34%
XYZ	4.0464, 7.1441, 1.2231
YIQ	61.1640, -4.8990, -37.8830

# Conversions

## Conversions Part 2

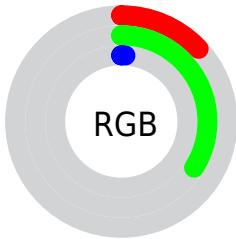
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 87, 56
Decimal	2184962
CIELab	32.13, -32.88, 38.20
CIElCh	32, 50.400, 130.724
Yxy	7.1441, 0.3260, 0.5755
Android (android.graphics.Color)	4280375042 (0xFF215702)
YUV	61.1640, -29.1679, -24.6998
Hunter-Lab	26.7285, -19.7522, 15.9968

# Details

The Android color **4280375042** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4281860695**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4283796023**, and **4278200576** is the 20% darker color. If you saturate the color by 10%, you get **4280309504**, and if you desaturate by 10%, it is **4280768267**.

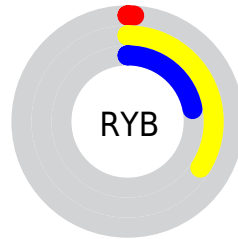
# Distribution



Red (13%)

Green (34%)

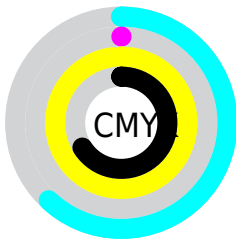
Blue (1%)



Red (1%)

Yellow (34%)

Blue (22%)

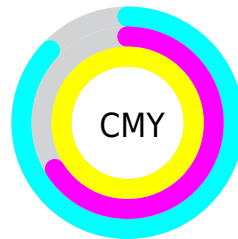


Cyan (62%)

Magenta (0%)

Yellow (98%)

Black (66%)



Cyan (87%)

Magenta (66%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280375042 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 4280375042 by changing the saturation by 10% instead.





4280375042



4280375042



4294967281



4278533888



4283796023



4278200576



4285572175



4278193664



4287283049



4278190080



4289125250



4290967709



4292804536



4294705109



4280375042



4280375042

■ 4280309504

■ 4280768267

■ 4281095955

■ 4281489180

■ 4281816869

■ 4282210094

■ 4282537782

■ 4282931007

■ 4283258696

■ 4283651920

# Harmonies

## Analogous

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



4283452928



4280375042



4278213424

# Triad

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



4280375042



4278212503



4287699775

# Complementary

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



4280375042



4281860695

# 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.



4286850151



4280375042



4278209690

# Square

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



4280375042



4278213759



4284365448



4287114265

# Rectangle

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



4280375042



4278213963



4284365448



4287568716



# Sweetspot

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



4280375042



4284248144



4283906050



4281088036



4290295992



4281874488



# Same Dimension

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



4280375042



4280905728



4278343437



4280888103



4280773376



4283886336



# Inverse Universe

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



4281860695



4282843248



4283892300



4280952619



4282646635

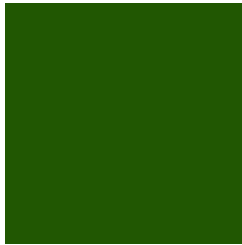


4287955179



# Previews

## White Background



This preview shows how the Android color 4280375042 looks on a white background.

## Color Contrast Check

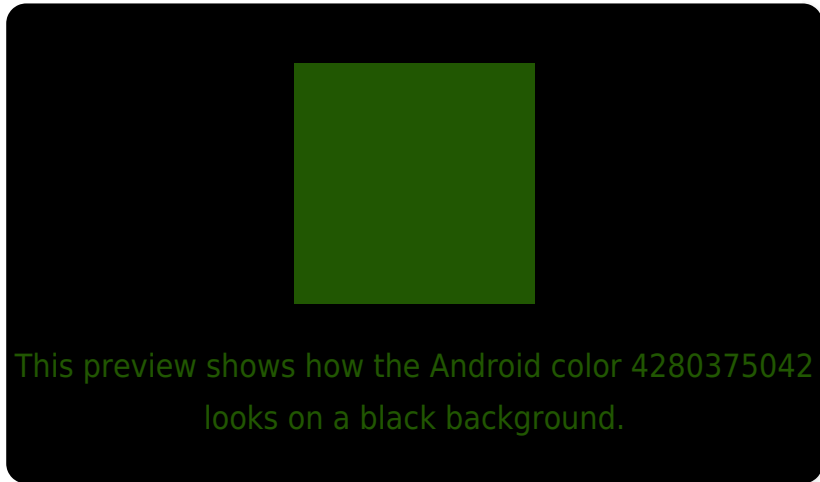
Large Text (above 18pt) WCAG AA ✓ Pass

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

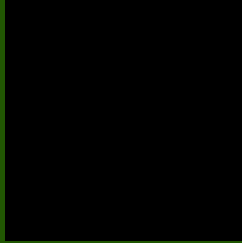
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280375042 Background



This preview shows how black text looks on a background with the Android color 4280375042.



This preview shows how white text looks on a background with the Android color 4280375042.

# 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**  
4280375042

**Protanopia**  
4283780096

**Deuteranopia**  
4284434450



# Trichromacy



**Original Color**  
4280375042

**Protanomaly**  
4282535937

**Deuteranomaly**  
4282928396

**Tritanomaly**  
4281029432

# Monochromacy



**Original Color**  
4280375042

**Achromatopsia**  
4282203453

**Achromatomaly**  
4281550376

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280375042 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(33, 87, 2)` looks like.

```
.text, #text, p{  
    color:rgb(33, 87, 2)  
}
```

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(33, 87, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 87, 2) }
```

## Border

The CSS property to change the border of an element to Android 4280375042 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(33, 87, 2) }
```

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

```
.border{ border-color:rgb(33, 87, 2) }
```

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

Here you see how a box with a 4 pixel rgb(33, 87, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 87, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 87, 2); box-shadow:4px  
4px 4px 4px rgb(33, 87, 2) }
```

# Background

The CSS property to change the background color of an element to Android 4280375042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 87, 2) }
```

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

```
.background{ background-color: rgb(33, 87,  
2) }
```

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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