

# Converting Colors

Android(4283200791)

Have a look what the booklet for  
Android(4283200791) contains.

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# Color

**Android(4283200791)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C7517
RGB	76, 117, 23
RGB Percent	30%, 46%, 9%
CMY	0.7020, 0.5412, 0.9098
CMYK	0.35, 0.00, 0.80, 0.54
HSL	86°, 67%, 27%
HSV	86°, 80%, 46%
XYZ	9.4964, 14.3209, 3.0743
YIQ	94.0250, 5.7380, -37.9260

# Conversions

## Conversions Part 2

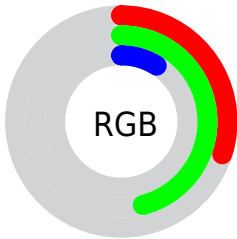
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 117, 64
Decimal	5010711
CIELab	44.69, -29.58, 43.74
CIELCh	45, 52.801, 124.073
Yxy	14.3209, 0.3531, 0.5325
Android (android.graphics.Color)	4283200791 (0xFF4C7517)
YUV	94.0250, -35.0153, -15.8079
Hunter-Lab	37.8430, -21.4320, 21.6735

# Details

The Android color `4283200791` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4282390389`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4286687563`, and `4279911424` is the 20% darker color. If you saturate the color by 10%, you get `4282873099`, and if you desaturate by 10%, it is `4283528483`.

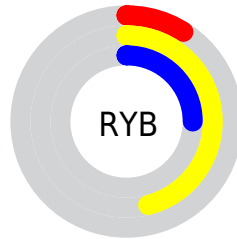
# Distribution



Red (30%)

Green (46%)

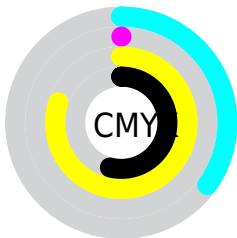
Blue (9%)



Red (9%)

Yellow (46%)

Blue (25%)

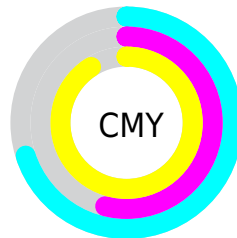


Cyan (35%)

Magenta (0%)

Yellow (80%)

Black (54%)



Cyan (70%)

Magenta (54%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283200791 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 4283200791 by changing the saturation by 10% instead.





4283200791



4283200791

4294967295



4281490432



4286687563



4279911424



4288464228



4278201600



4290240894



4278196480



4292148889



4278190080



4294049716



4294967248



4294967277



4283200791



4283200791

■ 4282873099

■ 4283528483

■ 4282545408

■ 4283856174

■ 4284183866

■ 4284511558

■ 4284904786

■ 4285232477

■ 4285560169

■ 4285887861

■ 4286215552

# Harmonies

## Analogous

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



4286147072



4283200791



4278221633

# Triad

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



4283200791



4278220985



4290198630

# Complementary

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



4283200791



4282390389

# 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.



4288890769



4283200791



4278218178

# Square

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



4283200791



4278222234



4285619123



4289939003

# Rectangle

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



4283200791



4278222175



4285619123



4289937012



# Sweetspot

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



4283200791



4287207796



4285874199



4282600758



4291611852



4283256141



# Same Dimension

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



4283200791



4284061958



4280120599



4281875253



4282743296



4287494656



# Inverse Universe

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



4282390389



4282779289



4285470581



4281808187



4281663610



4285333754



# Previews

## White Background



This preview shows how the Android color 4283200791 looks on a white background.

## Color Contrast Check

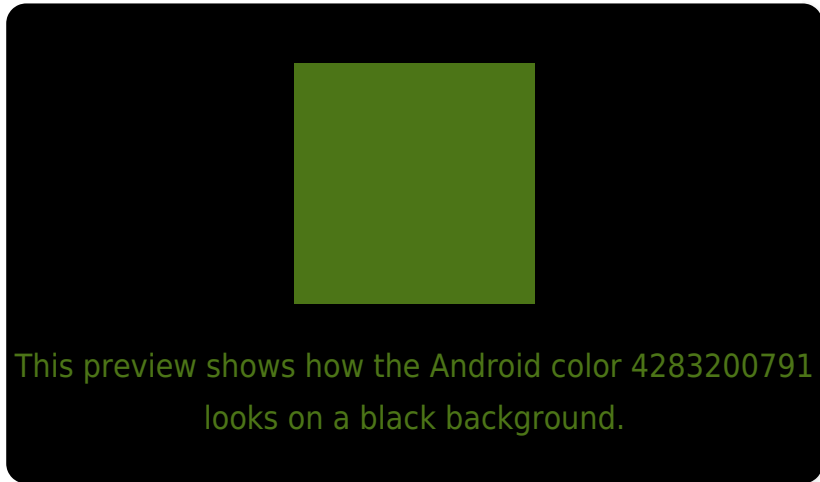
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283200791 Background



This preview shows how black text looks on a background with the Android color 4283200791.



This preview shows how white text looks on a background with the Android color 4283200791.

# 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**  
4283200791

**Protanopia**  
4286016020

**Deuteranopia**  
4286866464



# Trichromacy



**Original Color**  
4283200791

**Protanomaly**  
4284968469

**Deuteranomaly**  
4285557277

**Tritanomaly**  
4283723859

# Monochromacy



**Original Color**  
4283200791

**Achromatopsia**  
4284374622

**Achromatomaly**  
4283917892

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283200791 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(76, 117, 23)` looks like.

```
.text, #text, p{  
    color:rgb(76, 117, 23)  
}
```

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(76, 117, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 117, 23) }
```

## Border

The CSS property to change the border of an element to Android 4283200791 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(76, 117, 23) }
```

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

```
.border{ border-color:rgb(76, 117, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 117, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 117, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 117, 23);  
box-shadow:4px 4px 4px 4px rgb(76, 117,  
23) }
```

# Background

The CSS property to change the background color of an element to Android 4283200791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 117, 23) }
```

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

```
.background{ background-color: rgb(76, 117,  
23) }
```

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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