

# Converting Colors

Android(4281160192)

Have a look what the booklet for  
Android(4281160192) contains.

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# Color

**Android(4281160192)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D5200
RGB	45, 82, 0
RGB Percent	18%, 32%, 0%
CMY	0.8235, 0.6784, 1.0000
CMYK	0.45, 0.00, 1.00, 0.68
HSL	87°, 100%, 16%
HSV	87°, 100%, 32%
XYZ	4.0995, 6.5925, 1.0564
YIQ	61.5890, 4.2700, -33.3460

# Conversions

## Conversions Part 2

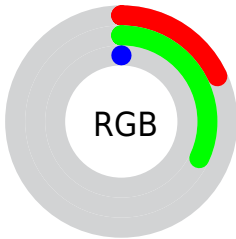
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 82, 37
Decimal	2970112
CIELab	30.86, -26.64, 38.14
CIElCh	31, 46.519, 124.933
Yxy	6.5925, 0.3489, 0.5611
Android (android.graphics.Color)	4281160192 (0xFF2D5200)
YUV	61.5890, -30.3634, -14.5486
Hunter-Lab	25.6758, -16.4328, 15.5336

# Details

The Android color `4281160192` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4280614994`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4284449844`, and `4278199552` is the 20% darker color. If you saturate the color by 10%, you get `4281160192`, and if you desaturate by 10%, it is `4281422344`.

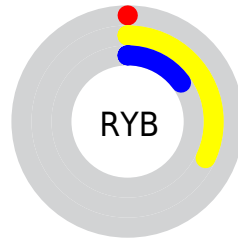
# Distribution



Red (18%)

Green (32%)

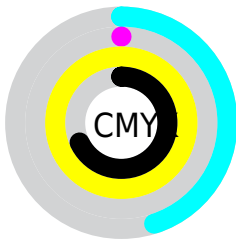
Blue (0%)



Red (0%)

Yellow (32%)

Blue (15%)

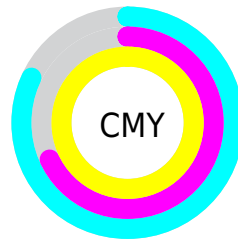


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (82%)

Magenta (68%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281160192 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 4281160192 by changing the saturation by 10% instead.



 4281160192

 4281160192

 4294967278

 4279581440

 4284449844

 4278199552

 4286160461

 4278191616

 4287936870

 4278190080

 4289713536

 4291555738

 4293459893

 4294967249

 4281160192

■ 4281422344

■ 4281618960

■ 4281881113

■ 4282143265

■ 4282339881

■ 4282602033

■ 4282864185

■ 4283126338

■ 4283322954

# Harmonies

## Analogous

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



4283648256



4281160192



4278212392

# Triad

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



4281160192



4278211723



4287110980

# Complementary

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



4281160192



4280614994

# 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.



4286065000



4281160192



4278209426

# Square

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



4281160192



4278212722



4283382917



4286851361

# Rectangle

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



4281160192



4278212673



4283382917



4286914640



# Sweetspot

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



4281160192



4284312395



4283573504



4281153058



4290098613



4281742902



# Same Dimension

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



4281160192



4282084096



4278473216



4280756517



4281952512



4286572544



# Inverse Universe

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



4280614994



4281335915



4283301970



4280755497



4281270377



4285071592



# Previews

## White Background



This preview shows how the Android color 4281160192 looks on a white background.

## Color Contrast Check

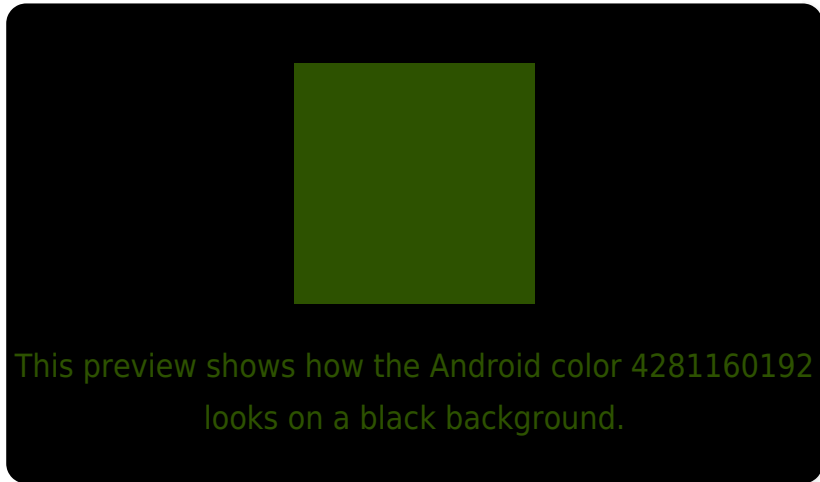
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281160192 Background



This preview shows how black text looks on a background with the Android color 4281160192.



This preview shows how white text looks on a background with the Android color 4281160192.

# 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**  
4281160192

**Protanopia**  
4283582720

**Deuteranopia**  
4284171536



# Trichromacy



**Original Color**

4281160192

**Protanomaly**

4282731520

**Deuteranomaly**

4283058698

**Tritanomaly**

4281552436

# Monochromacy



**Original Color**

4281160192

**Achromatopsia**

4282269246

**Achromatomaly**

4281877799

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281160192 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(45, 82, 0)` looks like.

```
.text, #text, p{  
    color:rgb(45, 82, 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(45, 82, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 82, 0) }
```

## Border

The CSS property to change the border of an element to Android 4281160192 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(45, 82, 0) }
```

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

```
.border{ border-color:rgb(45, 82, 0) }
```

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

Here you see how a box with a 4 pixel rgb(45, 82, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 82, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(45, 82, 0); box-shadow:4px  
4px 4px 4px rgb(45, 82, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4281160192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 82, 0) }
```

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

```
.background{ background-color: rgb(45, 82,  
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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