

# Converting Colors

Android(4281236962)

Have a look what the booklet for  
Android(4281236962) contains.

<b>Android(4281236962)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4281236962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E7DE2
RGB	46, 125, 226
RGB Percent	18%, 49%, 89%
CMY	0.8196, 0.5098, 0.1137
CMYK	0.80, 0.45, 0.00, 0.11
HSL	214°, 76%, 53%
HSV	214°, 80%, 89%
XYZ	22.1878, 20.7391, 74.7851
YIQ	112.8930, -79.5050, 14.6630

# Conversions

## Conversions Part 2

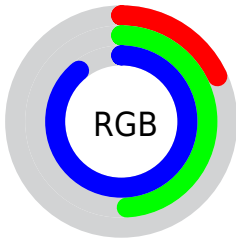
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 101, 226
Decimal	3046882
CIE Lab	52.66, 11.91, -58.08
CIE LCh	53, 59.285, 281.585
Yxy	20.7391, 0.1885, 0.1762
Android (android.graphics.Color)	4281236962 (0xFF2E7DE2)
YUV	112.8930, 55.7618, -58.6652
Hunter-Lab	45.5402, 7.2724, -65.4867

# Details

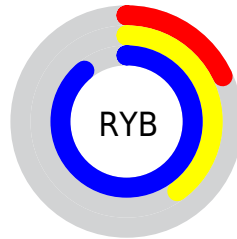
The Android color `4281236962` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4293038894`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4286034431`, and `4278209962` is the 20% darker color. If you saturate the color by 10%, you get `4279726306`, and if you desaturate by 10%, it is `4282747618`.

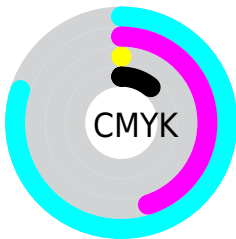
# Distribution



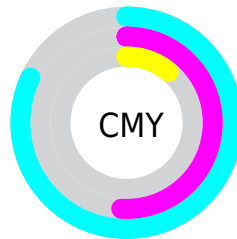
- Red (18%)
- Green (49%)
- Blue (89%)



- Red (18%)
- Yellow (40%)
- Blue (89%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)




- Cyan (82%)
- Magenta (51%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281236962 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 4281236962 by changing the saturation by 10% instead.



 4281236962

 4281236962

4294967295

 4278215878

 4286034431

 4278209962

 4288072959

 4278204303

 4290111743

 4278199157

 4292149247

 4278193499

 4294180863

 4278191939

 4278190892

 4278190358

 4278190080

■ 4281236962

■ 4281236962

■ 4279726306

■ 4282747618

■ 4278281442

■ 4284192482

■ 4278215650

■ 4285703138

■ 4287148258

■ 4288658658

■ 4290169314

■ 4291614434

■ 4293124834

■ 4294569954

# Harmonies

## Analogous

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



4278226142



4281236962



4288243658

# Triad

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



4281236962



4291713596



4278227804

# Complementary

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



4281236962



4293038894

# 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.



4283141418



4281236962



4289753105

# Square

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



4281236962



4292430444



4286874112



4278228369

# Rectangle

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



4281236962



4290598831



4286874112



4278227530



# Sweetspot

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



4281236962



4290960895



4281262737



4284181376



4278190080



4286611584



# Same Dimension

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



4281236962



4278875903



4281806562



4284836464



4278209968



4278195504



# Inverse Universe

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



4293013117



4294904438



4292469294



4285556074



4289724493



4281335829



# Previews

## White Background



This preview shows how the Android color 4281236962 looks on a white 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

# Black Background



This preview shows how the Android color 4281236962 looks on a black 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

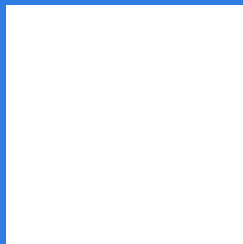
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281236962 Background



This preview shows how black text looks on a background with the Android color 4281236962.



This preview shows how white text looks on a background with the Android color 4281236962.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281236962 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(46, 125, 226)` looks like.

```
.text, #text, p{  
    color:rgb(46, 125, 226)  
}
```

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(46, 125, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 125, 226) }
```

## Border

The CSS property to change the border of an element to Android 4281236962 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(46, 125, 226) }
```

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

```
.border{ border-color:rgb(46, 125, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 125, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 125, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 125, 226);  
box-shadow:4px 4px 4px 4px rgb(46, 125,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4281236962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 125, 226) }
```

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

```
.background{ background-color: rgb(46, 125,  
226) }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor