

# Converting Colors

Android(4282682082)

Have a look what the booklet for  
Android(4282682082) contains.

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# Color

**Android(4282682082)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	448AE2
RGB	68, 138, 226
RGB Percent	27%, 54%, 89%
CMY	0.7333, 0.4588, 0.1137
CMYK	0.70, 0.39, 0.00, 0.11
HSL	213°, 73%, 58%
HSV	213°, 70%, 89%
XYZ	25.1998, 24.8969, 75.4289
YIQ	127.1020, -69.9680, 12.5280

# Conversions

## Conversions Part 2

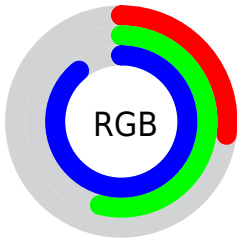
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	68, 117, 226
Decimal	4492002
CIE Lab	56.97, 6.66, -51.15
CIE LCh	57, 51.579, 277.423
Yxy	24.8969, 0.2008, 0.1983
Android (android.graphics.Color)	4282682082 (0xFF448AE2)
YUV	127.1020, 48.7567, -51.8325
Hunter-Lab	49.8968, 2.8302, -54.7009

# Details

The Android color `4282682082` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle muted azure. A complement of this color would be `4293041220`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4286955519`, and `4278213034` is the 20% darker color. If you saturate the color by 10%, you get `4281171426`, and if you desaturate by 10%, it is `4284192738`.

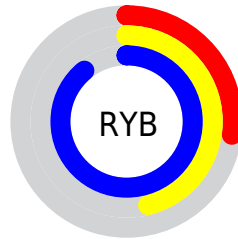
# Distribution



Red (27%)

Green (54%)

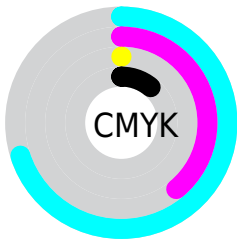
Blue (89%)



Red (27%)

Yellow (46%)

Blue (89%)

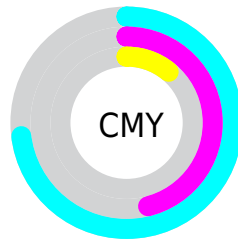


Cyan (70%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (46%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282682082 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 4282682082 by changing the saturation by 10% instead.



 4282682082

 4282682082

4294967295

 4279595462

 4286955519

 4278213034

 4288928767

 4278207119

 4290902015

 4278201717

 4292870143

 4278196572

4294901759

 4278191940

 4278190892

 4278190359

 4278190080

■ 4282682082

■ 4282682082

■ 4281171426

■ 4284192738

■ 4279726562

■ 4285637602

■ 4278215906

■ 4287148258

■ 4288593122

■ 4290103778

■ 4291614434

■ 4293059298

■ 4294569954

■ 4294966242

# Harmonies

## Analogous

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



4278228955



4282682082



4288313552

# Triad

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



4282682082



4292176212



4279278692

# Complementary

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



4282682082



4293041220

# 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.



4284978749



4282682082



4290542132

# Square

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



4282682082



4292567167



4288121384



4278230931

# Rectangle

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



4282682082



4290538682



4288121384



4282096470

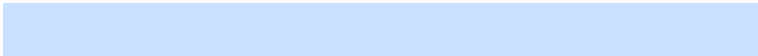


# Sweetspot

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



4282682082



4291420671



4282704539



4284509824



4278190080



4286611584



# Same Dimension

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



4282682082



4280912127



4283188450



4284836464



4278210224



4278195504



# Inverse Universe

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



4293018762



4294912392



4292534852



4285556074



4289724494

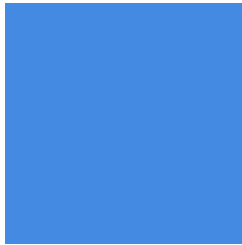


4281335829



# Previews

## White Background



This preview shows how the Android color 4282682082 looks on a white background.

## Color Contrast Check

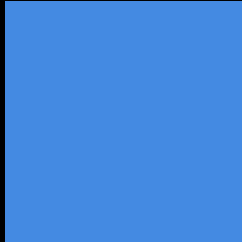
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282682082 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

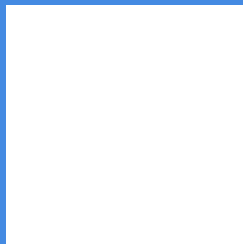
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282682082 Background



This preview shows how black text looks on a background with the Android color 4282682082.



This preview shows how white text looks on a background with the Android color 4282682082.

# 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](#).

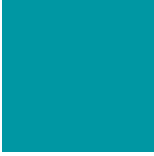
## Dichromacy



**Original Color**  
4282682082

**Protanopia**  
4284843485

**Deuteranopia**  
4283206114



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282682082 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(68, 138, 226)` looks like.

```
.text, #text, p{  
    color:rgb(68, 138, 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(68, 138, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 138, 226) }
```

## Border

The CSS property to change the border of an element to Android 4282682082 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(68, 138, 226) }
```

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

```
.border{ border-color:rgb(68, 138, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 138, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 138, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 138, 226);  
box-shadow:4px 4px 4px 4px rgb(68, 138,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4282682082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 138, 226) }
```

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

```
.background{ background-color: rgb(68, 138,  
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](#).



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