

# Converting Colors

Android(4281116125)

Have a look what the booklet for  
Android(4281116125) contains.

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# **Color**

**Android(4281116125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CA5DD
RGB	44, 165, 221
RGB Percent	17%, 65%, 87%
CMY	0.8275, 0.3529, 0.1333
CMYK	0.80, 0.25, 0.00, 0.13
HSL	199°, 72%, 52%
HSV	199°, 80%, 87%
XYZ	27.5450, 32.6662, 73.2600
YIQ	135.2050, -90.0920, -8.2360

# Conversions

## Conversions Part 2

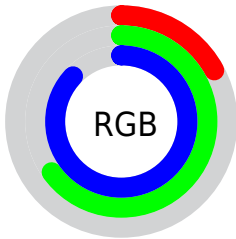
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 116, 221
Decimal	2926045
CIE <sub>Lab</sub>	63.89, -13.47, -37.51
CIE <sub>LCh</sub>	64, 39.858, 250.246
Yxy	32.6662, 0.2064, 0.2447
Android (android.graphics.Color)	4281116125 (0xFF2CA5DD)
YUV	135.2050, 42.2969, -79.9868
Hunter-Lab	57.1544, -13.9938, -35.9895

# Details

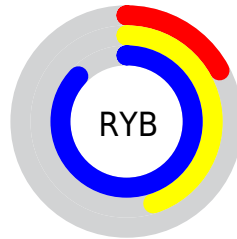
The Android color `4281116125` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle washed azure. A complement of this color would be `4292699180`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285979903`, and `4278219174` is the 20% darker color. If you saturate the color by 10%, you get `4279672541`, and if you desaturate by 10%, it is `4282559709`.

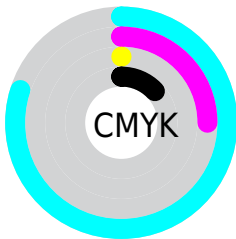
# Distribution



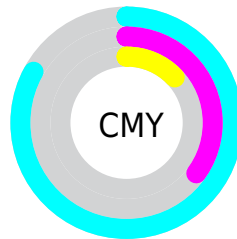
- Red (17%)
- Green (65%)
- Blue (87%)



- Red (17%)
- Yellow (45%)
- Blue (87%)



- Cyan (80%)
- Magenta (25%)
- Yellow (0%)
- Black (13%)



- Cyan (83%)
- Magenta (35%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281116125 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 4281116125 by changing the saturation by 10% instead.





4281116125



4281116125

4294967295



4278225857



4285979903



4278219174



4288018687



4278213003



4290052095



4278207089



4292083711



4278201432



4294049791



4278196289



4278190890



4278190356



4278190080

■ 4281116125

■ 4281116125

■ 4279672541

■ 4282559709

■ 4278228957

■ 4284003293

■ 4285446877

■ 4286890461

■ 4288399581

■ 4289843165

■ 4291286749

■ 4292730333

■ 4294173917

# Harmonies

## Analogous

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



4278234056



4281116125



4286159584

# Triad

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



4281116125



4292837008



4286555747

# Complementary

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



4281116125



4292699180

# 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.



4289043795



4281116125



4292511087

# Square

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



4281116125



4291920564



4291137624



4283477122

# Rectangle

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



4281116125



4288582104



4291137624



4287406940

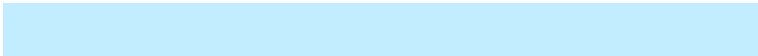


# Sweetspot

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



4281116125



4290964735



4281130337



4284183680



4278190080



4286611584



# Same Dimension

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



4281116125



4278891263



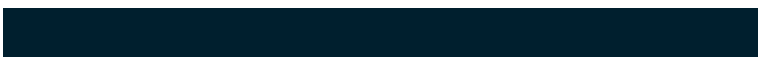
4281094109



4284705390



4278220717



4278198062



# Inverse Universe

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



4292684965



4294904498



4292721196



4285424490



4289527927



4281204767



# Previews

## White Background



This preview shows how the Android color 4281116125 looks on a white background.

## Color Contrast Check

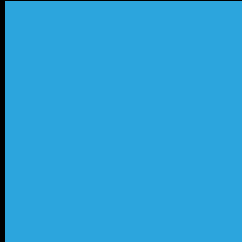
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4281116125 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 ✓ Pass

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



# Android 4281116125 Background



This preview shows how black text looks on a background with the Android color 4281116125.



This preview shows how white text looks on a background with the Android color 4281116125.

# 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



**Original Color**  
4281116125

**Protanomaly**  
4284980694

**Deuteranomaly**  
4284521951

# Monochromacy



**Original Color**  
4281116125

**Achromatopsia**  
4287072135

**Achromatomaly**  
4284912294

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281116125 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(44, 165, 221)` looks like.

```
.text, #text, p{  
    color:rgb(44, 165, 221)  
}
```

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(44, 165, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 165, 221) }
```

## Border

The CSS property to change the border of an element to Android 4281116125 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(44, 165, 221) }
```

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

```
.border{ border-color:rgb(44, 165, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 165, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 165, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 165, 221);  
box-shadow:4px 4px 4px 4px rgb(44, 165,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4281116125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 165, 221) }
```

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

```
.background{ background-color: rgb(44, 165,  
221) }
```

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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