

# Converting Colors

Android(4282228420)

Have a look what the booklet for  
Android(4282228420) contains.

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# Color

**Android(4282228420)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 3D9EC4                      |
| RGB           | 61, 158, 196                |
| RGB Percent   | 24%, 62%, 77%               |
| CMY           | 0.7608, 0.3804, 0.2314      |
| CMYK          | 0.69, 0.19, 0.00, 0.23      |
| HSL           | 197°, 53%, 50%              |
| HSV           | 197°, 69%, 77%              |
| XYZ           | 24.1151, 29.4313, 56.6344   |
| YIQ           | 133.3290, -70.0100, -8.7460 |

# Conversions

## Conversions Part 2

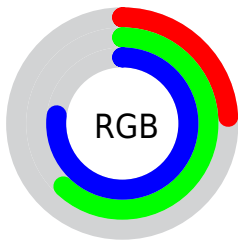
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 61, 117, 196                   |
| Decimal                             | 4038340                        |
| CIELab                              | 61.16, -16.05, -27.81          |
| CIElCh                              | 61, 32.110, 240.002            |
| Yxy                                 | 29.4313, 0.2189,<br>0.2671     |
| Android<br>(android.graphics.Color) | 4282228420<br>(0xFF3D9EC4)     |
| YUV                                 | 133.3290, 30.8968,<br>-63.4325 |
| Hunter-Lab                          | 54.2507, -15.5931,<br>-23.9197 |

# Details

The Android color `4282228420` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `4291060541`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4286371325`, and `4278217614` is the 20% darker color. If you saturate the color by 10%, you get `4280916164`, and if you desaturate by 10%, it is `4283540676`.

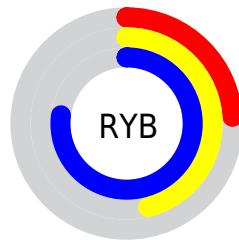
# Distribution



Red (24%)

Green (62%)

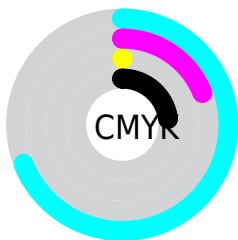
Blue (77%)



Red (24%)

Yellow (46%)

Blue (77%)

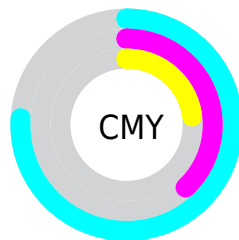


Cyan (69%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (76%)

Magenta (38%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282228420 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 4282228420 by changing the saturation by 10% instead.



 4282228420

 4282228420

4294967295

 4279141545

 4286371325

 4278217614

 4288279039

 4278211188

 4290248703

 4278205276

 4292214783

 4278199620

 4294180863

 4278192942

 4278190360

 4278190080

 4282228420

 4282228420

■ 4280916164

■ 4283540676

■ 4279669700

■ 4284787140

■ 4278357444

■ 4286099396

■ 4278226372

■ 4287345860

■ 4288658116

■ 4289970116

■ 4291216836

■ 4292528836

■ 4293775556

# Harmonies

## Analogous

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



4280787631



4282228420



4285241036

# Triad

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



4282228420



4291395221



4287208034

# Complementary

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



4282228420



4291060541

# 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.



4289172059



4282228420



4291461241

# Square

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



4282228420



4290216880



4290676835



4284981366

# Rectangle

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



4282228420



4287205577



4290676835



4287862877

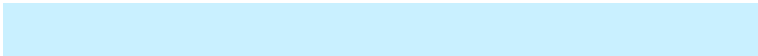


# Sweetspot

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



4282228420



4291424511



4282238049



4284512128



4278190080



4286611584



# Same Dimension

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



4282228420



4281058303



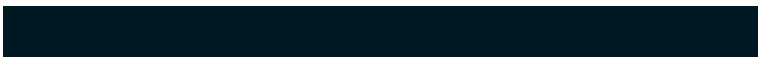
4282211780



4283915873



4278219681



4278196257



# Inverse Universe

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



4291050910



4294912963



4291077437



4284569438



4288741491



4280352792



# Previews

## White Background



This preview shows how the Android color 4282228420 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 4282228420 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 4282228420 Background



This preview shows how black text looks on a background with the Android color 4282228420.

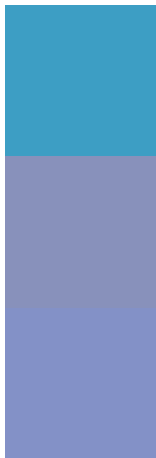


This preview shows how white text looks on a background with the Android color 4282228420.

# 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**  
4282228420

**Protanopia**  
4287140283

**Deuteranopia**  
4286812615



# Trichromacy



**Original Color**  
4282228420

**Protanomaly**  
4285372094

**Deuteranomaly**  
4285175494

**Tritanomaly**  
4281704887

# Monochromacy



**Original Color**  
4282228420

**Achromatopsia**  
4286940549

**Achromatomaly**  
4285238940

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282228420 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(61, 158, 196)` looks like.

```
.text, #text, p{  
    color:rgb(61, 158, 196)  
}
```

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(61, 158, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 158, 196) }
```

## Border

The CSS property to change the border of an element to Android 4282228420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

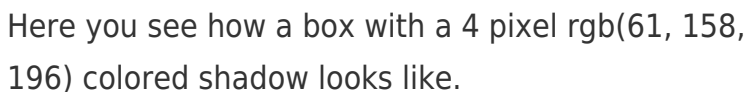
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 158, 196) }
```

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

```
.border{ border-color:rgb(61, 158, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(61, 158, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(61, 158, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(61, 158, 196); box-shadow:4px 4px 4px 4px rgb(61, 158, 196) }
```

# Background

The CSS property to change the background color of an element to Android 4282228420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 158, 196) }
```

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

```
.background{ background-color: rgb(61, 158,  
196) }
```

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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