

# Converting Colors

Android(4282826988)

Have a look what the booklet for  
Android(4282826988) contains.

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# **Color**

**Android(4282826988)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46C0EC
RGB	70, 192, 236
RGB Percent	27%, 75%, 93%
CMY	0.7255, 0.2471, 0.0745
CMYK	0.70, 0.19, 0.00, 0.07
HSL	196°, 81%, 60%
HSV	196°, 70%, 93%
XYZ	36.5157, 45.0575, 86.1293
YIQ	160.5380, -86.8360, -12.1800

# Conversions

## Conversions Part 2

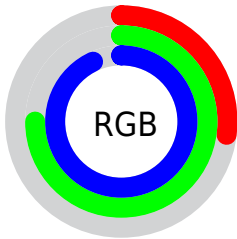
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 140, 236
Decimal	4636908
CIELab	72.93, -19.83, -31.64
CIELCh	73, 37.343, 237.916
Yxy	45.0575, 0.2177, 0.2687
Android (android.graphics.Color)	4282826988 (0xFF46C0EC)
YUV	160.5380, 37.2028, -79.4018
Hunter-Lab	67.1249, -20.3650, -29.0888

# Details

The Android color `4282826988` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted cyan. A complement of this color would be `4293685830`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4287232511`, and `4278225588` is the 20% darker color. If you saturate the color by 10%, you get `4281252588`, and if you desaturate by 10%, it is `4284401388`.

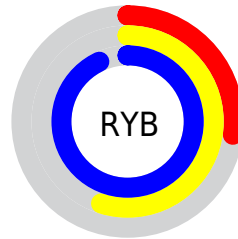
# Distribution



Red (27%)

Green (75%)

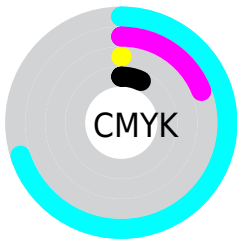
Blue (93%)



Red (27%)

Yellow (55%)

Blue (93%)

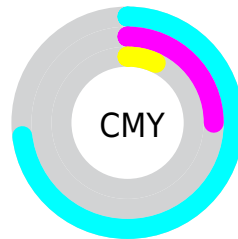


Cyan (70%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (73%)

Magenta (25%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282826988 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 4282826988 by changing the saturation by 10% instead.



 4282826988

 4282826988

4294967295


 4279412176

 4287232511

 4278225588

 4289265663

 4278219161

 4291297279

 4278212735

 4293328895

 4278206822

 4278201166

 4278195510

 4278190625

 4278190085

■ 4282826988

■ 4282826988

■ 4281252588

■ 4284401388

■ 4279743468

■ 4285910508

■ 4278234604

■ 4287484908

■ 4288993772

■ 4290568172

■ 4292142828

■ 4293651692

■ 4294963948

■ 4294965484

# Harmonies

## Analogous

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



4281320914



4282826988



4286494711

# Triad

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



4282826988



4294089143



4289313653

# Complementary

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



4282826988



4293685830

# 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.



4291604590



4282826988



4294286229

# Square

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



4282826988



4292648920



4293371002



4286628494

# Rectangle

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



4282826988



4288917492



4293371002



4290099057

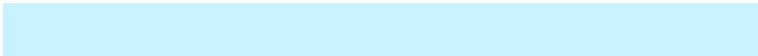


# Sweetspot

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



4282826988



4291424767



4282838127



4284512128



4278190080



4286611584

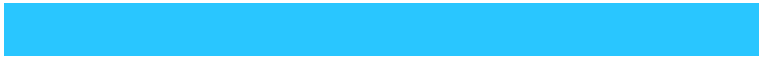


# Same Dimension

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



4282826988



4280927999



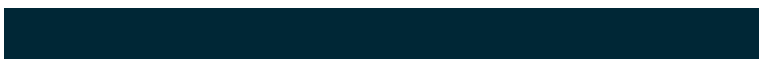
4282806252



4285166197



4278224309



4278200118



# Inverse Universe

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



4293674688



4294912454



4293706566



4285885042



4290052229

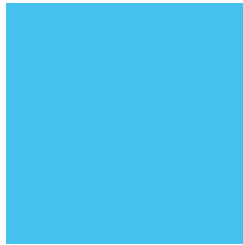


4281729063



# Previews

## White Background



This preview shows how the Android color 4282826988 looks on a white background.

## Color Contrast Check

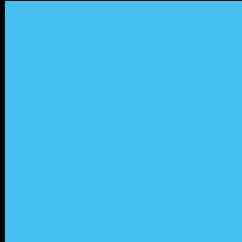
Large Text (above 18pt) WCAG AA × Fail

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 4282826988 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 4282826988 Background



This preview shows how black text looks on a background with the Android color 4282826988.



This preview shows how white text looks on a background with the Android color 4282826988.

# 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





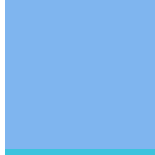
# Trichromacy



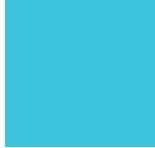
**Original Color**  
4282826988



**Protanomaly**  
4286822116



**Deuteranomaly**  
4286559727



**Tritanomaly**  
4282172381

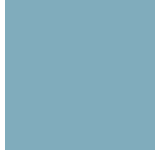
# Monochromacy



**Original Color**  
4282826988



**Achromatopsia**  
4288782753



**Achromatomaly**  
4286622908

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282826988 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(70, 192, 236)` looks like.

```
.text, #text, p{  
    color:rgb(70, 192, 236)  
}
```

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(70, 192, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 192, 236) }
```

## Border

The CSS property to change the border of an element to Android 4282826988 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(70, 192, 236) }
```

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

```
.border{ border-color:rgb(70, 192, 236) }
```

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

Here you see how a box with a 4 pixel rgb(70, 192, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 192, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 192, 236);  
box-shadow:4px 4px 4px 4px rgb(70, 192,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4282826988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 192, 236) }
```

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

```
.background{ background-color: rgb(70, 192,  
236) }
```

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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