

# Converting Colors

Android(4280708838)

Have a look what the booklet for  
Android(4280708838) contains.

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# Color

**Android(4280708838)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	266EE6
RGB	38, 110, 230
RGB Percent	15%, 43%, 90%
CMY	0.8510, 0.5686, 0.0980
CMYK	0.83, 0.52, 0.00, 0.10
HSL	218°, 79%, 53%
HSV	218°, 83%, 90%
XYZ	20.6582, 17.2771, 77.1089
YIQ	102.1520, -81.4320, 22.0560

# Conversions

## Conversions Part 2

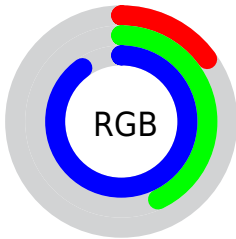
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	38, 90, 230
Decimal	2518758
CIE Lab	48.61, 22.14, -66.88
CIE LCh	49, 70.448, 288.319
Yxy	17.2771, 0.1796, 0.1502
Android (android.graphics.Color)	4280708838 (0xFF266EE6)
YUV	102.1520, 63.0291, -56.2613
Hunter-Lab	41.5657, 15.9745, -80.8933

# Details

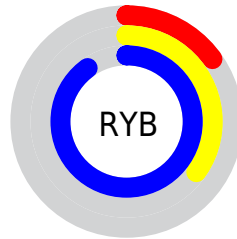
The Android color `4280708838` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4293303846`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285899263`, and `4278206637` is the 20% darker color. If you saturate the color by 10%, you get `4279197926`, and if you desaturate by 10%, it is `4282219750`.

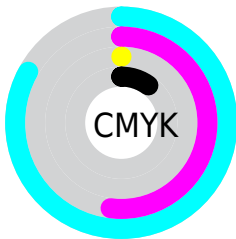
# Distribution



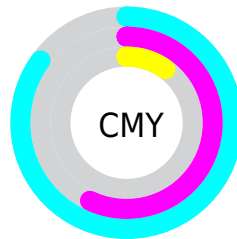
- Red (15%)
- Green (43%)
- Blue (90%)



- Red (15%)
- Yellow (35%)
- Blue (90%)



- Cyan (83%)
- Magenta (52%)
- Yellow (0%)
- Black (10%)



- Cyan (85%)
- Magenta (57%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280708838 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 4280708838 by changing the saturation by 10% instead.



 4280708838

 4280708838

4294967295

 4278212297

 4285899263

 4278206637

 4288003327

 4278201234

 4290041855

 4278196600

 4292080895

 4278190686

 4294115327

 4278192197

 4278191150

 4278190360

 4278190080

■ 4280708838

■ 4280708838

■ 4279197926

■ 4282219750

■ 4278212326

■ 4283730918

■ 4285241830

■ 4286752998

■ 4288263910

■ 4289774822

■ 4291285990

■ 4292796902

■ 4294307814

# Harmonies

## Analogous

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



4278223337



4280708838



4288827332

# Triad

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



4280708838



4291251223



4278226009

# Complementary

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



4280708838



4293303846

# 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.



4278224663



4280708838



4288636928

# Square

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



4280708838



4292488018



4285168640



4278226327

# Rectangle

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



4280708838



4291115169



4285168640



4278225732



# Sweetspot

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



4280708838



4290762751



4280739484



4284049536



4278190080



4286611584



# Same Dimension

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



4280708838



4278214911



4282132198



4284968051



4278207411



4278194995



# Inverse Universe

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



4293273198



4294901856



4291880486



4285753196



4289921091



4281532435



# Previews

## White Background



This preview shows how the Android color 4280708838 looks on a white 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

# Black Background



This preview shows how the Android color 4280708838 looks on a black 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

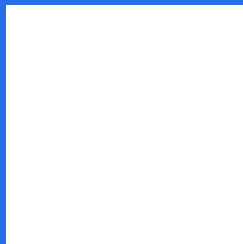
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280708838 Background



This preview shows how black text looks on a background with the Android color 4280708838.



This preview shows how white text looks on a background with the Android color 4280708838.

# 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**

4280708838

**Protanopia**

4280184551

**Deuteranopia**

4278220235



# Trichromacy



**Original Color**  
4280708838

**Protanomaly**  
4280381159

**Deuteranomaly**  
4279136981

**Tritanomaly**  
4279138730

# Monochromacy



**Original Color**  
4280708838

**Achromatopsia**  
4284900966

**Achromatomaly**  
4283394453

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280708838 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(38, 110, 230)` looks like.

```
.text, #text, p{  
    color:rgb(38, 110, 230)  
}
```

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(38, 110, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 110, 230) }
```

## Border

The CSS property to change the border of an element to Android 4280708838 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(38, 110, 230) }
```

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

```
.border{ border-color:rgb(38, 110, 230) }
```

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

Here you see how a box with a 4 pixel rgb(38, 110, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 110, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 110, 230);  
box-shadow:4px 4px 4px 4px rgb(38, 110,  
230) }
```

# Background

The CSS property to change the background color of an element to Android 4280708838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 110, 230) }
```

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

```
.background{ background-color: rgb(38, 110,  
230) }
```

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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