

# Converting Colors

Android(4282287055)

Have a look what the booklet for  
Android(4282287055) contains.

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# Color

**Android(4282287055)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E83CF
RGB	62, 131, 207
RGB Percent	24%, 51%, 81%
CMY	0.7569, 0.4863, 0.1882
CMYK	0.70, 0.37, 0.00, 0.19
HSL	211°, 60%, 53%
HSV	211°, 70%, 81%
XYZ	21.3654, 21.7617, 62.1058
YIQ	119.0330, -65.5200, 9.0080

# Conversions

## Conversions Part 2

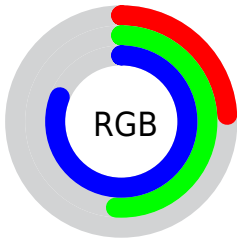
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 109, 207
Decimal	4096975
CIE Lab	53.77, 3.27, -45.57
CIE LCh	54, 45.683, 274.102
Yxy	21.7617, 0.2030, 0.2068
Android (android.graphics.Color)	4282287055 (0xFF3E83CF)
YUV	119.0330, 43.3677, -50.0179
Hunter-Lab	46.6495, 0.1162, -46.2799

# Details

The Android color `4282287055` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark muted azure. A complement of this color would be `4291791422`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4286429439`, and `4278211224` is the 20% darker color. If you saturate the color by 10%, you get `4280907983`, and if you desaturate by 10%, it is `4283666127`.

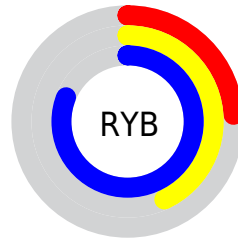
# Distribution



Red (24%)

Green (51%)

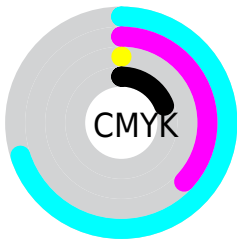
Blue (81%)



Red (24%)

Yellow (43%)

Blue (81%)

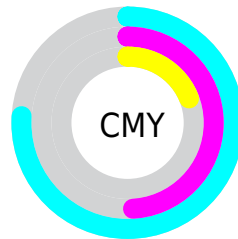


Cyan (70%)

Magenta (37%)

Yellow (0%)

Black (19%)



Cyan (76%)

Magenta (49%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282287055 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 4282287055 by changing the saturation by 10% instead.





4282287055



4282287055

4294967295



4279134899



4286429439



4278211224



4288402431



4278205566



4290375679



4278200164



4292345855



4278194764



4294311935



4278191413



4278190622



4278190081



4278190080

■ 4282287055

■ 4282287055

■ 4280907983

■ 4283666127

■ 4279594447

■ 4284979663

■ 4278215631

■ 4286358735

■ 4287737551

■ 4289116623

■ 4290430159

■ 4291809231

■ 4293188303

■ 4294501839

# Harmonies

## Analogous

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



4278226631



4282287055



4287263938

# Triad

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



4282287055



4291191894



4281307485

# Complementary

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



4282287055



4291791422

# 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.



4285107004



4282287055



4289884729

# Square

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



4282287055



4291321469



4287791150



4278228101

# Rectangle

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



4282287055



4289292719



4287791150



4282814544

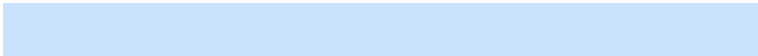


# Sweetspot

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



4282287055



4291421183



4282306441



4284510080



4278190080



4286611584



# Same Dimension

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



4282287055



4280913919



4282400463



4284375913



4278210728



4278194985



# Inverse Universe

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



4291772035



4294912399



4291678014



4285095523



4289200208

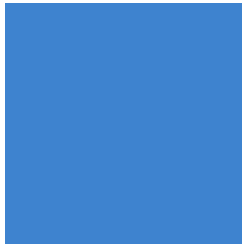


4280877075



# Previews

## White Background



This preview shows how the Android color 4282287055 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 4282287055 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 4282287055 Background



This preview shows how black text looks on a background with the Android color 4282287055.



This preview shows how white text looks on a background with the Android color 4282287055.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282287055 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(62, 131, 207)` looks like.

```
.text, #text, p{  
    color:rgb(62, 131, 207)  
}
```

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(62, 131, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 131, 207) }
```

## Border

The CSS property to change the border of an element to Android 4282287055 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(62, 131, 207) }
```

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

```
.border{ border-color:rgb(62, 131, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 131, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 131, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 131, 207);  
box-shadow:4px 4px 4px 4px rgb(62, 131,  
207) }
```

# Background

The CSS property to change the background color of an element to Android 4282287055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 131, 207) }
```

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

```
.background{ background-color: rgb(62, 131,  
207) }
```

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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