

# Converting Colors

Android(4282089186)

Have a look what the booklet for  
Android(4282089186) contains.

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# Color

**Android(4282089186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B7EE2
RGB	59, 126, 226
RGB Percent	23%, 49%, 89%
CMY	0.7686, 0.5059, 0.1137
CMYK	0.74, 0.44, 0.00, 0.11
HSL	216°, 74%, 56%
HSV	216°, 74%, 89%
XYZ	22.9920, 21.3425, 74.8592
YIQ	117.3670, -72.0320, 16.8960

# Conversions

## Conversions Part 2

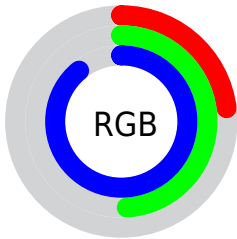
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	59, 107, 226
Decimal	3899106
CIE Lab	53.32, 12.74, -57.00
CIE LCh	53, 58.404, 282.598
Yxy	21.3425, 0.1929, 0.1791
Android (android.graphics.Color)	4282089186 (0xFF3B7EE2)
YUV	117.3670, 53.5561, -51.1879
Hunter-Lab	46.1979, 7.9901, -63.7350

# Details

The Android color `4282089186` is a dark color, and the websafe version is hex `0066CC`. The color can be described as middle washed azure. A complement of this color would be `4293041979`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4286558975`, and `4278210218` is the 20% darker color. If you saturate the color by 10%, you get `4280578274`, and if you desaturate by 10%, it is `4283600098`.

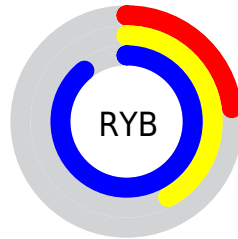
# Distribution



Red (23%)

Green (49%)

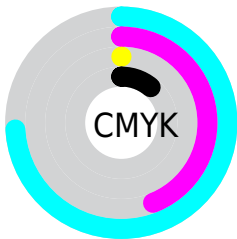
Blue (89%)



Red (23%)

Yellow (42%)

Blue (89%)

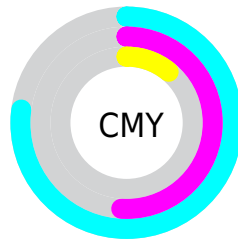


Cyan (74%)

Magenta (44%)

Yellow (0%)

Black (11%)



Cyan (77%)

Magenta (51%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282089186 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 4282089186 by changing the saturation by 10% instead.



 4282089186

 4282089186

4294967295

 4278216134

 4286558975

 4278210218

 4288531967

 4278204559

 4290570751

 4278199413

 4292542463

 4278194011

 4294574079

 4278191939

 4278190892

 4278190358

 4278190080

■ 4282089186

■ 4282089186

■ 4280578274

■ 4283600098

■ 4279133154

■ 4285045218

■ 4278213602

■ 4286556130

■ 4288001250

■ 4289512162

■ 4291022818

■ 4292468194

■ 4293978850

■ 4294965474

# Harmonies

## Analogous

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



4278226399



4282089186



4288506058

# Triad

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



4282089186



4291779901



4278228319

# Complementary

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



4282089186



4293041979

# 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.



4283141935



4282089186



4289753620

# Square

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



4282089186



4292497004



4286874629



4278228884

# Rectangle

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



4282089186



4290730415



4286874629



4278227791



# Sweetspot

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



4282089186



4291288575



4282114716



4284378240



4278190080



4286611584



# Same Dimension

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



4282089186



4280055807



4282989538



4284836208



4278208432



4278194992



# Inverse Universe

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



4293016446



4294909047



4292141627



4285556073



4289724487

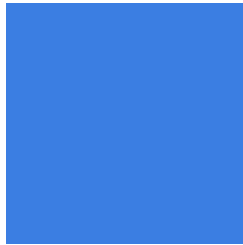


4281335827



# Previews

## White Background



This preview shows how the Android color 4282089186 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 4282089186 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

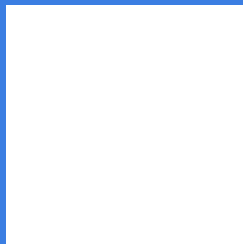
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282089186 Background



This preview shows how black text looks on a background with the Android color 4282089186.



This preview shows how white text looks on a background with the Android color 4282089186.

# 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**  
4282089186

**Protanomaly**  
4282940640

**Deuteranomaly**  
4280975585

**Tritanomaly**  
4279601330

# Monochromacy



**Original Color**  
4282089186

**Achromatopsia**  
4285887861

**Achromatomaly**  
4284512413

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282089186 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(59, 126, 226)` looks like.

```
.text, #text, p{  
    color:rgb(59, 126, 226)  
}
```

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(59, 126, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 126, 226) }
```

## Border

The CSS property to change the border of an element to Android 4282089186 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(59, 126, 226) }
```

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

```
.border{ border-color:rgb(59, 126, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 126, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 126, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 126, 226);  
box-shadow:4px 4px 4px 4px rgb(59, 126,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4282089186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 126, 226) }
```

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

```
.background{ background-color: rgb(59, 126,  
226) }
```

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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