

# Converting Colors

Android(4286036718)

Have a look what the booklet for  
Android(4286036718) contains.

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# **Color**

**Android(4286036718)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 77BAEE                     |
| RGB         | 119, 186, 238              |
| RGB Percent | 47%, 73%, 93%              |
| CMY         | 0.5333, 0.2706, 0.0667     |
| CMYK        | 0.50, 0.22, 0.00, 0.07     |
| HSL         | 206°, 78%, 70%             |
| HSV         | 206°, 50%, 93%             |
| XYZ         | 40.5993, 45.2128, 87.4761  |
| YIQ         | 171.8950, -56.6240, 1.9680 |

# Conversions

## Conversions Part 2

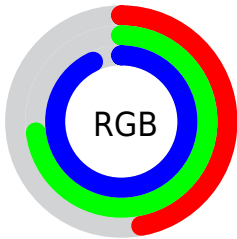
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">119, 162, 238</a>                   |
| Decimal                             | <a href="#">7846638</a>                         |
| CIELab                              | <a href="#">73.03, -7.20, -32.42</a>            |
| CIELCh                              | <a href="#">73, 33.213, 257.477</a>             |
| Yxy                                 | <a href="#">45.2128, 0.2343,<br/>0.2609</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286036718<br/>(0xFF77BAEE)</a>     |
| YUV                                 | <a href="#">171.8950, 32.5898,<br/>-46.3889</a> |
| Hunter-Lab                          | <a href="#">67.2405, -9.8939,<br/>-30.0646</a>  |

# Details

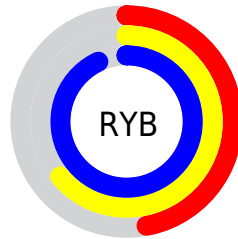
The Android color `4286036718` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4293831543`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4289852159`, and `4282090934` is the 20% darker color. If you saturate the color by 10%, you get `4284461294`, and if you desaturate by 10%, it is `4287612142`.

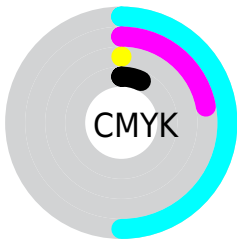
# Distribution



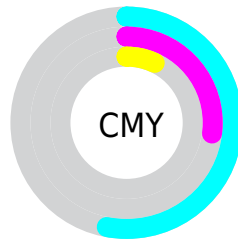
- Red (47%)
- Green (73%)
- Blue (93%)



- Red (47%)
- Yellow (64%)
- Blue (93%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (27%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286036718 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 4286036718 by changing the saturation by 10% instead.



 4286036718


 4286036718

4294967295

 4284129234

 4289852159

 4282090934

 4291756031

 4279331995

 4293722111

 4278211713

 4278205799

 4278200143

 4278195000

 4278190626

 4278190088

■ 4286036718

■ 4286036718

■ 4284461294

■ 4287612142

■ 4282885614

■ 4289187822

■ 4281375726

■ 4290697710

■ 4279800046

■ 4292273390

■ 4278224622

■ 4293848814

■ 4294965486

■ 4294967278

# Harmonies

## Analogous

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



4283613663



4286036718



4289048813

# Triad

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



4286036718



4293959074



4287938441

# Complementary

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



4286036718



4293831543

# 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.



4290164601



4286036718



4293436296

# Square

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



4286036718



4293369537



4292128120



4285580197

# Rectangle

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



4286036718



4290882020



4292128120



4288724098

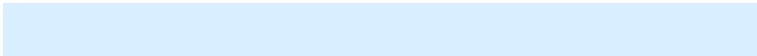


# Sweetspot

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



4286036718



4292472575



4286049963



4285101440



4278190080



4286611584

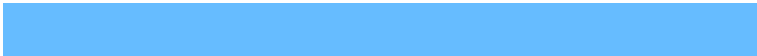


# Same Dimension

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



4286036718



4284923135



4286021614



4285297528



4278216632



4278198328



# Inverse Universe

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



4293818298



4294928060



4293846647



4286082163



4290248807



4281860128



# Previews

## White Background



This preview shows how the Android color 4286036718 looks on a white background.

## Color Contrast Check

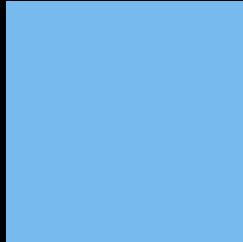
Large Text (above 18pt) WCAG AA × Fail

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 4286036718 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 4286036718 Background



This preview shows how black text looks on a background with the Android color 4286036718.



This preview shows how white text looks on a background with the Android color 4286036718.

# 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**  
4286036718

**Protanomaly**  
4287935722

**Deuteranomaly**  
4287804655

**Tritanomaly**  
4285644506

# Monochromacy



**Original Color**  
4286036718

**Achromatopsia**  
4289506476

**Achromatomaly**  
4288262596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286036718 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(119, 186, 238)` looks like.

```
.text, #text, p{  
    color:rgb(119, 186, 238)  
}
```

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(119, 186, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 186, 238) }
```

## Border

The CSS property to change the border of an element to Android 4286036718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

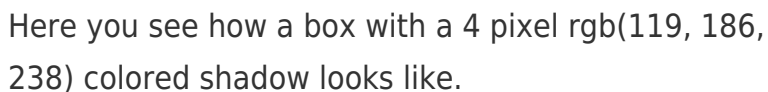
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 186, 238) }
```

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

```
.border{ border-color:rgb(119, 186, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 186, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 186, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 186, 238); box-shadow:4px 4px 4px 4px rgb(119, 186, 238) }
```

# Background

The CSS property to change the background color of an element to Android 4286036718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 186, 238) }
```

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

```
.background{ background-color: rgb(119,  
186, 238) }
```

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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