

# Converting Colors

Android(4287276275)

Have a look what the booklet for  
Android(4287276275) contains.

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# Color

**Android(4287276275)**

# Conversions

Conversions Part 1	
Format	Color
Hex	8AA4F3
RGB	138, 164, 243
RGB Percent	54%, 64%, 95%
CMY	0.4588, 0.3569, 0.0471
CMYK	0.43, 0.33, 0.00, 0.05
HSL	225°, 81%, 75%
HSV	225°, 43%, 95%
XYZ	39.9344, 38.4253, 90.1061
YIQ	165.2320, -40.8550, 19.0570

# Conversions

## Conversions Part 2

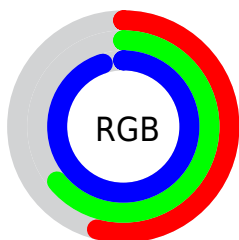
Format	Color
<a href="#">RYB</a>	<a href="#">138, 159, 243</a>
Decimal	<a href="#">9086195</a>
CIELab	<a href="#">68.33, 10.99, -42.37</a>
CIELCh	<a href="#">68, 43.770, 284.536</a>
Yxy	<a href="#">38.4253, 0.2370, 0.2281</a>
Android (android.graphics.Color)	<a href="#">4287276275</a> (0xFF8AA4F3)
YUV	<a href="#">165.2320, 38.3396, -23.8825</a>
Hunter-Lab	<a href="#">61.9881, 6.5152, -42.7924</a>

# Details

The Android color `4287276275` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4294171018`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4291025919`, and `4283593146` is the 20% darker color. If you saturate the color by 10%, you get `4285698803`, and if you desaturate by 10%, it is `4288853747`.

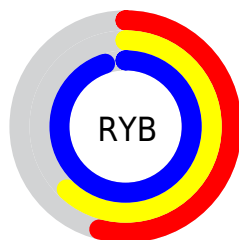
# Distribution



Red (54%)

Green (64%)

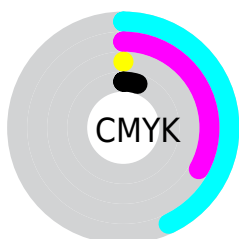
Blue (95%)



Red (54%)

Yellow (62%)

Blue (95%)

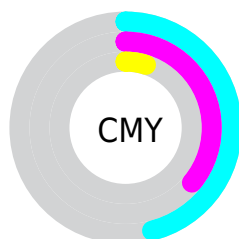


Cyan (43%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (46%)

Magenta (36%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287276275 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 4287276275 by changing the saturation by 10% instead.



 4287276275

 4287276275


4294967295

 4285434582

 4291025919

 4283593146

 4292933631

 4281620639

4294901759

 4278993285

 4278201451

 4278196306

 4278190907

 4278190628

 4278190092

 4287276275

 4287276275

 4285698803

 4288853747

 4284055539

 4290497011

 4282478067

 4292074483

 4280900595

 4293651955

 4279323123

 4294967283

 4278205683

# Harmonies

## Analogous

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



4281643506



4287276275



4291007967

# Triad

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



4287276275



4293562225



4282956432

# Complementary

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



4287276275



4294171018

# 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.



4286624877



4287276275



4291927386

# Square

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



4287276275



4294084501



4289505880



4278238137

# Rectangle

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



4287276275



4292709577



4289505880



4284332163



# Sweetspot

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



4287276275



4292798207



4287296473



4285231232



4278190080



4286611584



# Same Dimension

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



4287276275



4286225407



4288973555



4285428090



4278202042



4278193979



# Inverse Universe

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



4294150820



4294933147



4292473738



4286213745



4290379822

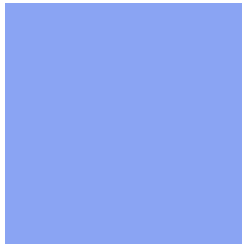


4282056719



# Previews

## White Background



This preview shows how the Android color 4287276275 looks on a white background.

## Color Contrast Check

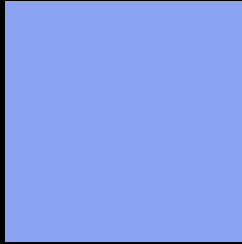
Large Text (above 18pt) WCAG AA × Fail

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 4287276275 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

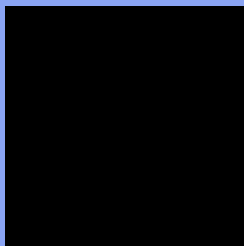
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4287276275 Background



This preview shows how black text looks on a background with the Android color 4287276275.



This preview shows how white text looks on a background with the Android color 4287276275.

# 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**  
4287276275

**Protanopia**  
4287407347

**Deuteranopia**  
4287014387



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287276275 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(138, 164, 243)` looks like.

```
.text, #text, p{  
    color:rgb(138, 164, 243)  
}
```

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(138, 164, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 164, 243) }
```

## Border

The CSS property to change the border of an element to Android 4287276275 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(138, 164, 243) }
```

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

```
.border{ border-color:rgb(138, 164, 243) }
```

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

Here you see how a box with a 4 pixel rgb(138, 164, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 164, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 164, 243);  
box-shadow:4px 4px 4px 4px rgb(138, 164,  
243) }
```

# Background

The CSS property to change the background color of an element to Android 4287276275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 164, 243) }
```

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

```
.background{ background-color: rgb(138,  
164, 243) }
```

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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