

# Converting Colors

Android(4287756022)

Have a look what the booklet for  
Android(4287756022) contains.

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# **Color**

**Android(4287756022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91F6F6
RGB	145, 246, 246
RGB Percent	57%, 96%, 96%
CMY	0.4314, 0.0353, 0.0353
CMYK	0.41, 0.00, 0.00, 0.04
HSL	180°, 85%, 77%
HSV	180°, 41%, 96%
XYZ	61.2674, 78.5851, 99.1281
YIQ	215.8010, -60.1960, -21.4120

# Conversions

## Conversions Part 2

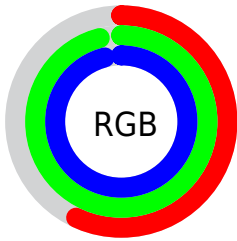
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 196, 246
Decimal	9565942
CIE <sub>Lab</sub>	91.05, -29.49, -9.28
CIE <sub>LCh</sub>	91, 30.914, 197.463
Yxy	78.5851, 0.2564, 0.3288
Android (android.graphics.Color)	4287756022 (0xFF91F6F6)
YUV	215.8010, 14.8881, -62.0925
Hunter-Lab	88.6482, -31.7679, -4.2454

# Details

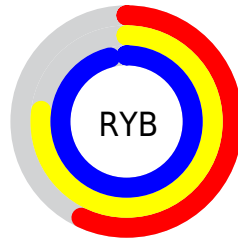
The Android color `4287756022` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294349201`, and the grayscale version is `4292401368`.

A 20% lighter version of the original color is `4291559423`, and `4283874750` is the 20% darker color. If you saturate the color by 10%, you get `4286117622`, and if you desaturate by 10%, it is `4289394422`.

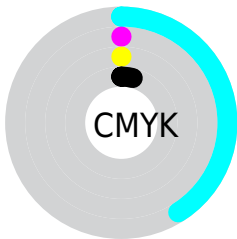
# Distribution



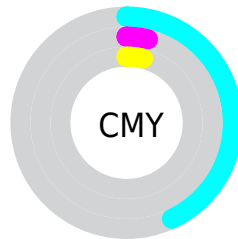
- Red (57%)
- Green (96%)
- Blue (96%)



- Red (57%)
- Yellow (77%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (43%)
- Magenta (4%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287756022 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 4287756022 by changing the saturation by 10% instead.



 4287756022

 4287756022

4294967295

 4285848026

 4291559423

 4283874750

 4293525503

 4281836195

 4278552712

 4278218351

 4278211927

 4278205760

 4278200106

 4278192150

 4287756022

 4287756022

 4286117622

 4289394422

 4284544758

 4290967286

 4282906358

 4292605686

 4281333494

 4294178550

 4279695094

 4294964982

 4278253302

# Harmonies

## Analogous

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



4289197527



4287756022



4287886335

# Triad

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



4287756022



4294957311



4294959020

# Complementary

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



4287756022



4294349201

# 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.



4294956731



4287756022



4294955507

# Square

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



4287756022



4292469503



4294955221



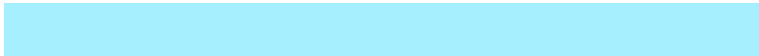
4293519789

# Rectangle

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



4287756022



4289064959



4294955221



4294958255



# Sweetspot

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



4287756022



4292935679



4287755921



4285431936



4278190080

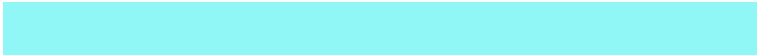


4286611584



# Same Dimension

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



4287756022



4286775295



4287742966



4285430394



4278237882



4278205243



# Inverse Universe

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



4294349302



4294935295



4294362001



4286213754



4290379962

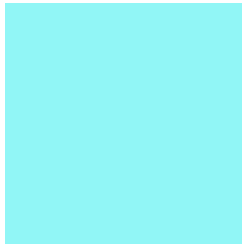


4282056763



# Previews

## White Background



This preview shows how the Android color 4287756022 looks on a white background.

## Color Contrast Check

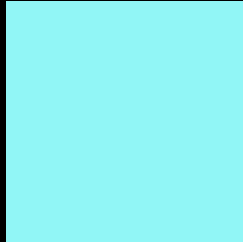
Large Text (above 18pt) WCAG AA × Fail

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 4287756022 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

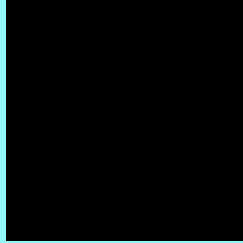
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4287756022 Background



This preview shows how black text looks on a background with the Android color 4287756022.

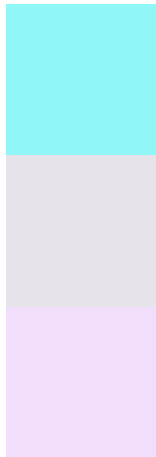


This preview shows how white text looks on a background with the Android color 4287756022.

# 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**  
4287756022

**Protanopia**  
4293321706

**Deuteranopia**  
4293975803



**Tritanopia**  
4289589503

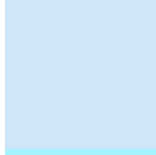
# Trichromacy



**Original Color**  
4287756022



**Protanomaly**  
4291291886



**Deuteranomaly**  
4291684345

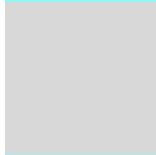


**Tritanomaly**  
4288934652

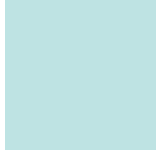
# Monochromacy



**Original Color**  
4287756022



**Achromatopsia**  
4292401368



**Achromatomaly**  
4290700259

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287756022 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(145, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(145, 246, 246)  
}
```

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(145, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 246, 246) }
```

## Border

The CSS property to change the border of an element to Android 4287756022 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(145, 246, 246) }
```

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

```
.border{ border-color:rgb(145, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(145, 246,  
246) }
```

# Background

The CSS property to change the background color of an element to Android 4287756022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 246, 246) }
```

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

```
.background{ background-color: rgb(145,  
246, 246) }
```

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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