

# Converting Colors

Android(4283886590)

Have a look what the booklet for  
Android(4283886590) contains.

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# **Color**

**Android(4283886590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56EBFE
RGB	86, 235, 254
RGB Percent	34%, 92%, 100%
CMY	0.6627, 0.0784, 0.0039
CMYK	0.66, 0.07, 0.00, 0.00
HSL	187°, 99%, 67%
HSV	187°, 66%, 100%
XYZ	51.4355, 68.5509, 104.2866
YIQ	192.6150, -94.9030, -25.6790

# Conversions

## Conversions Part 2

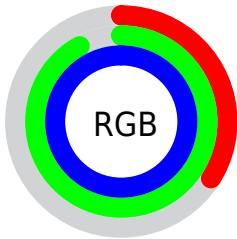
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 165, 254
Decimal	5696510
CIELab	86.28, -33.41, -20.80
CIELCh	86, 39.358, 211.900
Yxy	68.5509, 0.2293, 0.3057
Android (android.graphics.Color)	4283886590 (0xFF56EBFE)
YUV	192.6150, 30.2628, -93.5014
Hunter-Lab	82.7954, -34.0015, -16.7231

# Details

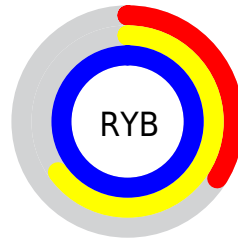
The Android color `4283886590` is a light color, and the websafe version is hex `66FFFF`. The color can be described as light muted cyan. A complement of this color would be `4294863190`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4288282623`, and `4278236101` is the 20% darker color. If you saturate the color by 10%, you get `4282247422`, and if you desaturate by 10%, it is `4285525758`.

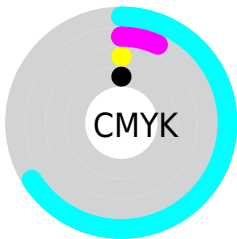
# Distribution



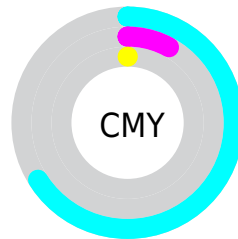
- Red (34%)
- Green (92%)
- Blue (100%)



- Red (34%)
- Yellow (65%)
- Blue (100%)



- Cyan (66%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283886590 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 4283886590 by changing the saturation by 10% instead.





4283886590



4283886590

4294967295



4280995809



4288282623



4278236101



4290379775



4278229162



4292411391



4278222224



4294508543



4278215798



4278209373



4278203462



4278198319



4278190362

■ 4283886590

■ 4283886590

■ 4282247422

■ 4285525758

■ 4280542718

■ 4287230462

■ 4278903550

■ 4288869630

■ 4278247934

■ 4290574078

■ 4292213246

■ 4293852414

4294967294

# Harmonies

## Analogous

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



4285590745



4283886590



4285654527

# Triad

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



4283886590



4294951420



4293908109

# Complementary

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



4283886590



4294863190

# 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.



4294953623



4283886590



4294950103

# Square

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



4283886590



4292922879



4294950834



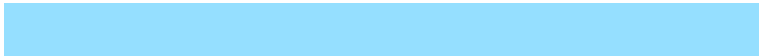
4291355031

# Rectangle

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



4283886590



4288012287



4294950834

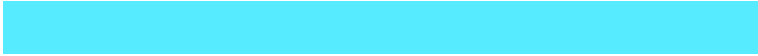


4294693518



# Sweetspot

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



4283886590



4291623423



4283891303



4284578944



4278190080

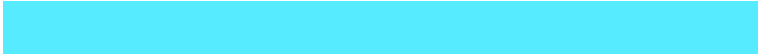


4286611584



# Same Dimension

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



4283886590



4281788671



4283865598



4285759104



4278233791



4278204736



# Inverse Universe

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



4294858475



4294915816



4294884182



4286608254



4290707626

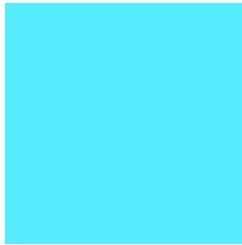


4282384441



# Previews

## White Background



This preview shows how the Android color 4283886590 looks on a white background.

## Color Contrast Check

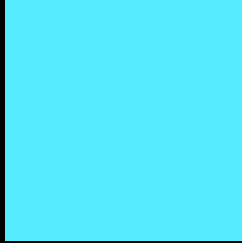
Large Text (above 18pt) WCAG AA × Fail

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 4283886590 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 4283886590 Background



This preview shows how black text looks on a background with the Android color 4283886590.



This preview shows how white text looks on a background with the Android color 4283886590.

# 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

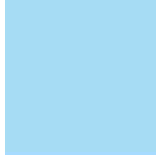




# Trichromacy



**Original Color**  
4283886590



**Protanomaly**  
4289125876



**Deuteranomaly**  
4289190911

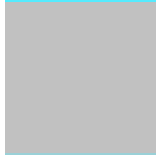


**Tritanomaly**  
4283886590

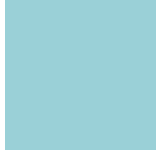
# Monochromacy



**Original Color**  
4283886590



**Achromatopsia**  
4290888129



**Achromatomaly**  
4288336087

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283886590 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(86, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(86, 235, 254)  
}
```

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(86, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 235, 254) }
```

## Border

The CSS property to change the border of an element to Android 4283886590 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(86, 235, 254) }
```

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

```
.border{ border-color:rgb(86, 235, 254) }
```

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

Here you see how a box with a 4 pixel rgb(86, 235, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 235, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 235, 254);  
box-shadow:4px 4px 4px 4px rgb(86, 235,  
254) }
```

# Background

The CSS property to change the background color of an element to Android 4283886590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 235, 254) }
```

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

```
.background{ background-color: rgb(86, 235,  
254) }
```

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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