

Converting Colors

Android(4280583935)

Have a look what the booklet for
Android(4280583935) contains.

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Color

Android(4280583935)

Conversions

Conversions Part 1

Format	Color
Hex	2486FF
RGB	36, 134, 255
RGB Percent	14%, 53%, 100%
CMY	0.8588, 0.4745, 0.0000
CMYK	0.86, 0.47, 0.00, 0.00
HSL	213°, 100%, 57%
HSV	213°, 86%, 100%
XYZ	27.3027, 24.6453, 97.9257
YIQ	118.4920, -97.2490, 16.8550

Conversions

Conversions Part 2

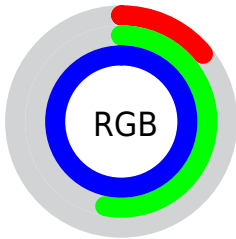
Format	Color
R _Y B	36, 104, 255
Decimal	2393855
CIE Lab	56.73, 16.42, -67.66
CIE LCh	57, 69.624, 283.644
Yxy	24.6453, 0.1822, 0.1644
Android (android.graphics.Color)	4280583935 (0xFF2486FF)
YUV	118.4920, 67.2984, -72.3455
Hunter-Lab	49.6440, 11.2925, -82.2023

Details

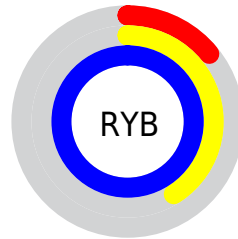
The Android color `4280583935` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle washed azure. A complement of this color would be `4294941988`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4286167807`, and `4278212293` is the 20% darker color. If you saturate the color by 10%, you get `4278876415`, and if you desaturate by 10%, it is `4282225919`.

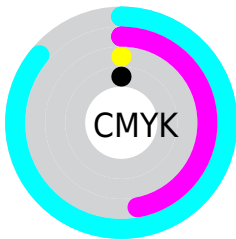
Distribution



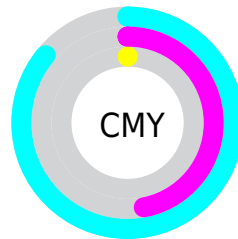
- Red (14%)
- Green (53%)
- Blue (100%)



- Red (14%)
- Yellow (41%)
- Blue (100%)



- Cyan (86%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280583935 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 4280583935 by changing the saturation by 10% instead.

 4280583935

 4280583935

4294967295

 4278218210

 4286167807

 4278212293

 4288337663

 4278206377

 4290441983

 4278201230

 4292542463

 4278196596

 4294574079

 4278193243

 4278191938

 4278190891

 4278190357

■ 4280583935

■ 4280583935

■ 4278876415

■ 4282225919

■ 4278219519

■ 4283933439

■ 4285575423

■ 4287282943

■ 4288924927

■ 4290632703

■ 4292274687

■ 4293982207

4294967295

Harmonies

Analogous

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



4278229245



4280583935



4289555169

Triad

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



4280583935



4293156150



4278231396

Complementary

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



4280583935



4294941988

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.



4282489637



4280583935



4290738432

Square

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



4280583935



4294133359



4287270400



4278232227

Rectangle

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



4280583935



4292236991



4287270400



4278231119

Sweetspot

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



4280583935



4290632447



4280614812



4283984512



4278190080



4286611584

Same Dimension

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



4280583935



4278219519



4281279743



4285757568



4278212287



4278197568

Inverse Universe

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



4294911110



4294901874



4294246180



4286608248



4290707542



4282384413

Previews

White Background



This preview shows how the Android color 4280583935 looks on a white background.

Color Contrast Check

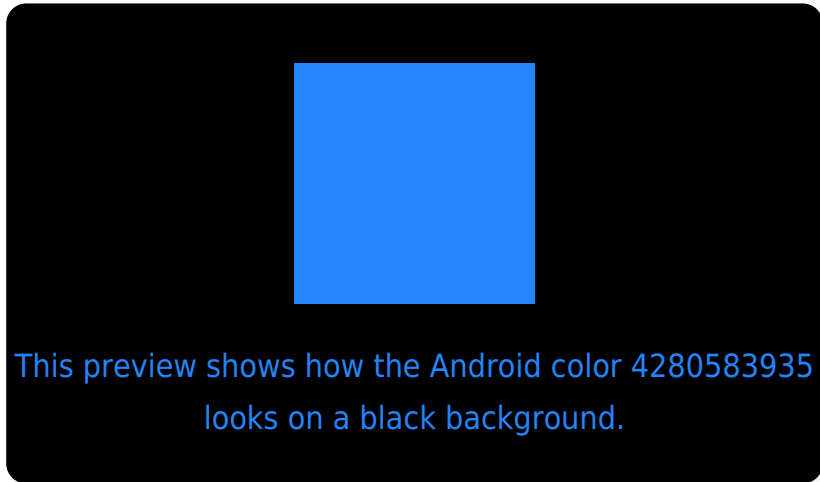
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

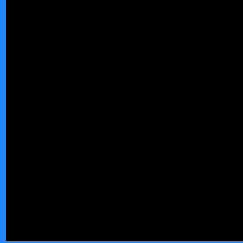
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

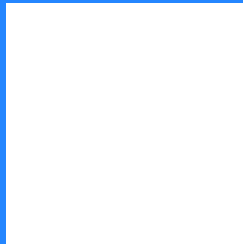
Any Text WCAG AAA × Fail

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

Android 4280583935 Background



This preview shows how black text looks on a background with the Android color 4280583935.

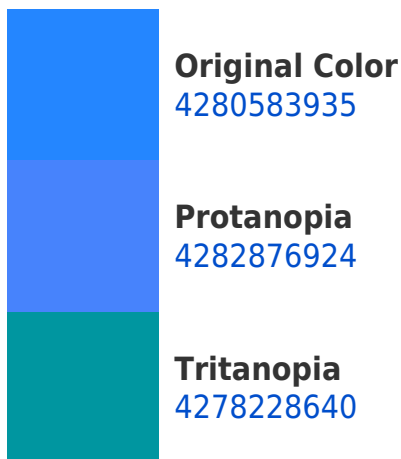


This preview shows how white text looks on a background with the Android color 4280583935.

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
4280583935

Protanomaly
4282025213

Tritanomaly
4279079107

Monochromacy



Original Color
4280583935

Achromatopsia
4285953654

Achromatomaly
4283989160

CSS Examples

Text

The CSS property to change the color of the text to Android 4280583935 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(36, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(36, 134, 255)  
}
```

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(36, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 134, 255) }
```

Border

The CSS property to change the border of an element to Android 4280583935 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(36, 134, 255) }
```

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

```
.border{ border-color:rgb(36, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(36, 134,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4280583935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 134, 255) }
```

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

```
.background{ background-color: rgb(36, 134,  
255) }
```

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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