

Converting Colors

Android(4280714961)

Have a look what the booklet for
Android(4280714961) contains.

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Color

Android(4280714961)

Conversions

Conversions Part 1

Format	Color
Hex	2686D1
RGB	38, 134, 209
RGB Percent	15%, 53%, 82%
CMY	0.8510, 0.4745, 0.1804
CMYK	0.82, 0.36, 0.00, 0.18
HSL	206°, 69%, 48%
HSV	206°, 82%, 82%
XYZ	20.8330, 22.0657, 63.4827
YIQ	113.8460, -81.2910, 2.9730

Conversions

Conversions Part 2

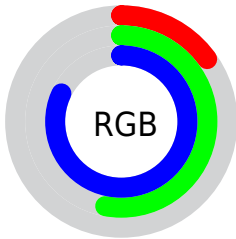
Format	Color
R_{YB}	38, 99, 209
Decimal	2524881
CIE _{Lab}	54.10, -0.67, -46.23
CIE _{LCh}	54, 46.230, 269.166
Yxy	22.0657, 0.1958, 0.2074
Android (android.graphics.Color)	4280714961 (0xFF2686D1)
YUV	113.8460, 46.9109, -66.5169
Hunter-Lab	46.9742, -3.0400, -47.2449

Details

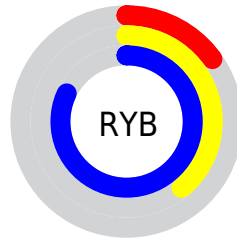
The Android color `4280714961` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4291916070`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4285512703`, and `4278211994` is the 20% darker color. If you saturate the color by 10%, you get `4279336401`, and if you desaturate by 10%, it is `4282093521`.

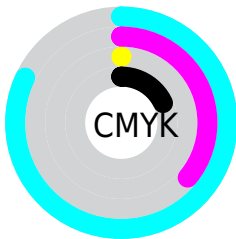
Distribution



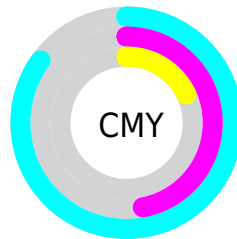
- Red (15%)
- Green (53%)
- Blue (82%)



- Red (15%)
- Yellow (39%)
- Blue (82%)



- Cyan (82%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)



- Cyan (85%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280714961 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 4280714961 by changing the saturation by 10% instead.

 4280714961

 4280714961

4294967295

 4278218165

 4285512703


 4278211994

 4287551231

 4278206080

 4289590271

 4278200678

 4291559423

 4278195534

 4293525503

 4278191414

 4278190624

 4278190084

 4278190080

■ 4280714961

■ 4280714961

■ 4279336401

■ 4282093521

■ 4278220241

■ 4283472081

■ 4284850641

■ 4286229457

■ 4287608017

■ 4288921041

■ 4290299601

■ 4291678161

■ 4293056977

Harmonies

Analogous

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



4278227141



4280714961



4286674887

Triad

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



4280714961



4291387997



4282094167

Complementary

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



4280714961



4291916070

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.



4285631032



4280714961



4290277437

Square

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



4280714961



4291321476



4288249645



4278228351

Rectangle

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



4280714961



4288965814



4288249645



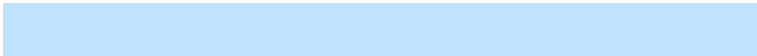
4283469899

Sweetspot

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



4280714961



4290765823



4280734064



4284051328



4278190080



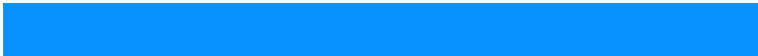
4286611584

Same Dimension

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



4280714961



4278555135



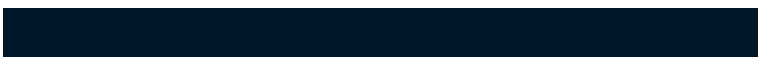
4280693201



4284376169



4278214312



4278196009

Inverse Universe

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



4291896966



4294903185



4291937830



4285095524



4289200222



4280877079

Previews

White Background



This preview shows how the Android color 4280714961 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



This preview shows how the Android color 4280714961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

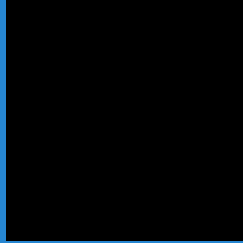
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4280714961 Background



This preview shows how black text looks on a background with the Android color 4280714961.



This preview shows how white text looks on a background with the Android color 4280714961.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4280714961 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(38, 134, 209)` looks like.

```
.text, #text, p{  
    color:rgb(38, 134, 209)  
}
```

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(38, 134, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 134, 209) }
```

Border

The CSS property to change the border of an element to Android 4280714961 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(38, 134, 209) }
```

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

```
.border{ border-color:rgb(38, 134, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 134, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 134, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 134, 209);  
box-shadow:4px 4px 4px 4px rgb(38, 134,  
209) }
```

Background

The CSS property to change the background color of an element to Android 4280714961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 134, 209) }
```

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

```
.background{ background-color: rgb(38, 134,  
209) }
```

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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