

Converting Colors

Android(4280976595)

Have a look what the booklet for
Android(4280976595) contains.

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Color

Android(4280976595)

Conversions

Conversions Part 1

Format	Color
Hex	2A84D3
RGB	42, 132, 211
RGB Percent	16%, 52%, 83%
CMY	0.8353, 0.4824, 0.1725
CMYK	0.80, 0.37, 0.00, 0.17
HSL	208°, 67%, 50%
HSV	208°, 80%, 83%
XYZ	20.9640, 21.6979, 64.7112
YIQ	114.0960, -78.9990, 5.4890

Conversions

Conversions Part 2

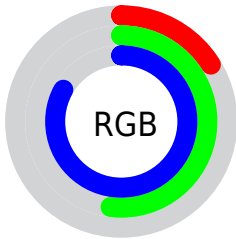
Format	Color
R _Y B	42, 101, 211
Decimal	2786515
CIE Lab	53.71, 1.65, -47.97
CIE LCh	54, 48.000, 271.965
Yxy	21.6979, 0.1952, 0.2021
Android (android.graphics.Color)	4280976595 (0xFF2A84D3)
YUV	114.0960, 47.7737, -63.2282
Hunter-Lab	46.5810, -1.1821, -49.7600

Details

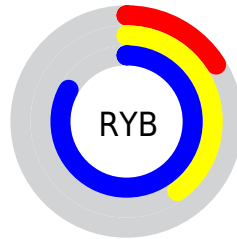
The Android color `4280976595` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4292049194`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4285708799`, and `4278211484` is the 20% darker color. If you saturate the color by 10%, you get `4279597779`, and if you desaturate by 10%, it is `4282355411`.

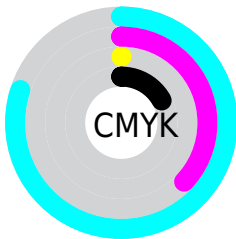
Distribution



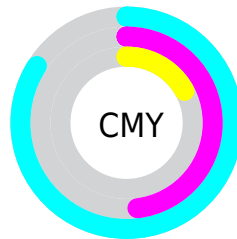
- Red (16%)
- Green (52%)
- Blue (83%)



- Red (16%)
- Yellow (40%)
- Blue (83%)



- Cyan (80%)
- Magenta (37%)
- Yellow (0%)
- Black (17%)



















- Cyan (84%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280976595 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 4280976595 by changing the saturation by 10% instead.

 4280976595	 4280976595
4294967295	 4278217655
 4285708799	 4278211484
 4287681791	 4278205825
 4289720575	 4278200424
 4291690495	 4278195023
 4293722111	 4278191416
	 4278190625
	 4278190086
	 4278190080

■ 4280976595

■ 4280976595

■ 4279597779

■ 4282355411

■ 4278218963

■ 4283734227

■ 4285113043

■ 4286491603

■ 4287870419

■ 4289314771

■ 4290693587

■ 4292072403

■ 4293451219

Harmonies

Analogous

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



4278226889



4280976595



4286936263

Triad

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



4280976595



4291387735



4281242200

Complementary

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



4280976595



4292049194

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.



4285172534



4280976595



4290146359

Square

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



4280976595



4291517311



4287921960



4278228354

Rectangle

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



4280976595



4289227188



4287921960



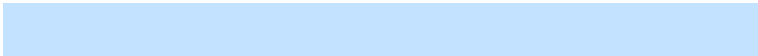
4282880075

Sweetspot

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



4280976595



4290962175



4280996729



4284182144



4278190080



4286611584

Same Dimension

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



4280976595



4278881791



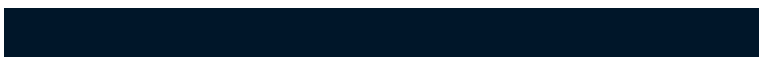
4280955091



4284376169



4278213288



4278195753

Inverse Universe

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



4292029060



4294904461



4292070698



4285095524



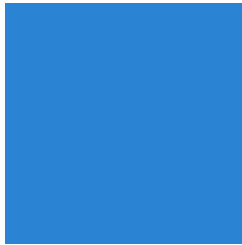
4289200218



4280877078

Previews

White Background



This preview shows how the Android color 4280976595 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 4280976595 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 4280976595 Background



This preview shows how black text looks on a background with the Android color 4280976595.



This preview shows how white text looks on a background with the Android color 4280976595.

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
4280976595

Protanomaly
4283269327

Deuteranomaly
4282221012

Tritanomaly
4279208621

Monochromacy



Original Color
4280976595

Achromatopsia
4285690482

Achromatomaly
4283988373

CSS Examples

Text

The CSS property to change the color of the text to Android 4280976595 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(42, 132, 211)` looks like.

```
.text, #text, p{  
    color:rgb(42, 132, 211)  
}
```

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(42, 132, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 132, 211) }
```

Border

The CSS property to change the border of an element to Android 4280976595 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(42, 132, 211) }
```

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

```
.border{ border-color:rgb(42, 132, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 132, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 132, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 132, 211);  
box-shadow:4px 4px 4px 4px rgb(42, 132,  
211) }
```

Background

The CSS property to change the background color of an element to Android 4280976595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 132, 211) }
```

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

```
.background{ background-color: rgb(42, 132,  
211) }
```

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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