

Converting Colors

Android(4280710855)

Have a look what the booklet for
Android(4280710855) contains.

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Color

Android(4280710855)

Conversions

Conversions Part 1

Format	Color
Hex	2676C7
RGB	38, 118, 199
RGB Percent	15%, 46%, 78%
CMY	0.8510, 0.5373, 0.2196
CMYK	0.81, 0.41, 0.00, 0.22
HSL	210°, 68%, 46%
HSV	210°, 81%, 78%
XYZ	17.5866, 17.4925, 56.4823
YIQ	103.3140, -73.6810, 8.2310

Conversions

Conversions Part 2

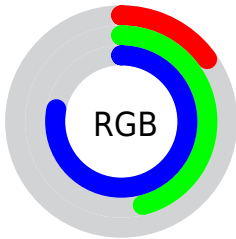
Format	Color
R_{YB}	38, 91, 199
Decimal	2520775
CIE Lab	48.87, 5.28, -48.85
CIE LCh	49, 49.132, 276.174
Yxy	17.4925, 0.1921, 0.1910
Android (android.graphics.Color)	4280710855 (0xFF2676C7)
YUV	103.3140, 47.1732, -57.2804
Hunter-Lab	41.8240, 1.8655, -50.7930

Details

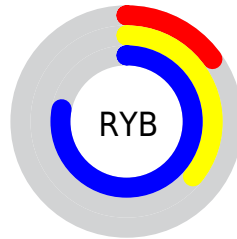
The Android color `4280710855` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark muted azure. A complement of this color would be `4291262246`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4285377279`, and `4278208400` is the 20% darker color. If you saturate the color by 10%, you get `4279397575`, and if you desaturate by 10%, it is `4282024135`.

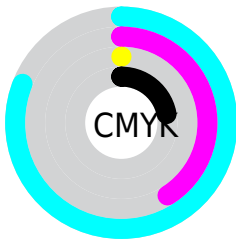
Distribution



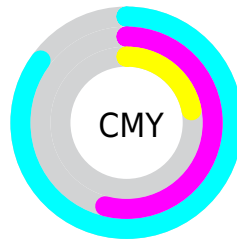
- Red (15%)
- Green (46%)
- Blue (78%)



- Red (15%)
- Yellow (36%)
- Blue (78%)



- Cyan (81%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280710855 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 4280710855 by changing the saturation by 10% instead.



4280710855



4280710855

4294967295



4278214315



4285377279



4278208400



4287350271



4278202742



4289323519



4278197597



4291296767



4278191941



4293328895



4278190894



4278190360



4278190080



4280710855



4280710855

■ 4279397575

■ 4282024135

■ 4278215623

■ 4283337415

■ 4284650695

■ 4285963975

■ 4287277255

■ 4288524999

■ 4289838279

■ 4291151559

■ 4292464839

Harmonies

Analogous

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



4278223296



4280710855



4286670264

Triad

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



4280710855



4290467141



4278224465

Complementary

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



4280710855



4291262246

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.



4283858988



4280710855



4288964133

Square

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



4280710855



4290727277



4286739736



4278225020

Rectangle

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



4280710855



4288829859



4286739736



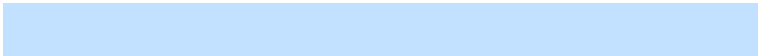
4281173059

Sweetspot

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



4280710855



4290961663



4280731511



4284181888



4278190080



4286611584

Same Dimension

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



4280710855



4278748159



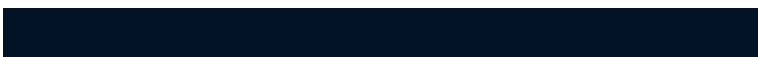
4280690375



4284112483



4278210979



4278194724

Inverse Universe

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



4291241590



4294903939



4291282726



4284701278



4288872529



4280549394

Previews

White Background



This preview shows how the Android color 4280710855 looks on a white 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

Black Background



This preview shows how the Android color 4280710855 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 4280710855 Background



This preview shows how black text looks on a background with the Android color 4280710855.



This preview shows how white text looks on a background with the Android color 4280710855.

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
4280710855

Protanopia
4283527618

Deuteranopia
4281497031

Trichromacy



Original Color
4280710855

Protanomaly
4282479556

Deuteranomaly
4281234887

Tritanomaly
4279139488

Monochromacy



Original Color
4280710855

Achromatopsia
4284966759

Achromatomaly
4283395210

CSS Examples

Text

The CSS property to change the color of the text to Android 4280710855 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, 118, 199)` looks like.

```
.text, #text, p{  
    color:rgb(38, 118, 199)  
}
```

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, 118, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 118, 199) }
```

Border

The CSS property to change the border of an element to Android 4280710855 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, 118, 199) }
```

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

```
.border{ border-color:rgb(38, 118, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 118, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 118, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 118, 199);  
box-shadow:4px 4px 4px 4px rgb(38, 118,  
199) }
```

Background

The CSS property to change the background color of an element to Android 4280710855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 118, 199) }
```

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

```
.background{ background-color: rgb(38, 118,  
199) }
```

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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