

Converting Colors

Android(4280847796)

Have a look what the booklet for
Android(4280847796) contains.

Android(4280847796)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280847796)

Conversions

Conversions Part 1

Format	Color
Hex	288DB4
RGB	40, 141, 180
RGB Percent	16%, 55%, 71%
CMY	0.8431, 0.4471, 0.2941
CMYK	0.78, 0.22, 0.00, 0.29
HSL	197°, 64%, 43%
HSV	197°, 78%, 71%
XYZ	18.6382, 22.7962, 46.5978
YIQ	115.2470, -72.7150, -9.2830

Conversions

Conversions Part 2

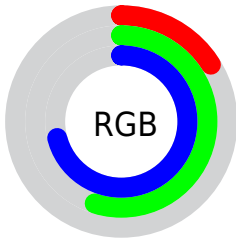
Format	Color
RYB	40, 99, 180
Decimal	2657716
CIELab	54.86, -14.95, -28.54
CIElCh	55, 32.222, 242.351
Yxy	22.7962, 0.2117, 0.2590
Android (android.graphics.Color)	4280847796 (0xFF288DB4)
YUV	115.2470, 31.9232, -65.9916
Hunter-Lab	47.7453, -13.8739, -24.4433

Details

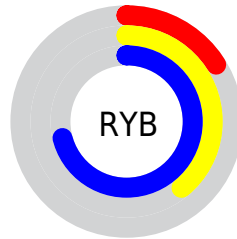
The Android color `4280847796` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4290006824`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4285252588`, and `4278213503` is the 20% darker color. If you saturate the color by 10%, you get `4279666868`, and if you desaturate by 10%, it is `4282028724`.

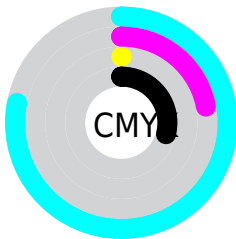
Distribution



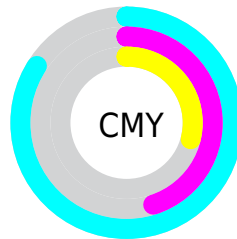
- Red (16%)
- Green (55%)
- Blue (71%)



- Red (16%)
- Yellow (39%)
- Blue (71%)



- Cyan (78%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280847796 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 4280847796 by changing the saturation by 10% instead.

 4280847796

 4280847796

4294967295

 4278219673

 4285252588


 4278213503

 4287225855

 4278207334

 4289133567

 4278201678

 4291100671

 4278196791

 4293066751

 4278190625

 4278190086

 4278190080

 4280847796

 4280847796

■ 4279666868

■ 4282028724

■ 4278485940

■ 4283209652

■ 4278223540

■ 4284390580

■ 4285571508

■ 4286752436

■ 4287933364

■ 4289114292

■ 4290295220

■ 4291476148

Harmonies

Analogous

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



4278227360



4280847796



4284384699

Triad

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



4280847796



4290276738



4285958739

Complementary

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



4280847796



4290006824

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.



4287857227



4280847796



4290277479

Square

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



4280847796



4289229470



4289362259



4283732072

Rectangle

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



4280847796



4286349239



4289362259



4286613583

Sweetspot

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



4280847796



4290108651



4280857677



4283722869



4294309365



4285887861

Same Dimension

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



4280847796



4279283435



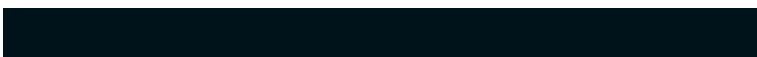
4280830388



4283455321



4278218393



4278194714

Inverse Universe

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



4289996941



4293595310



4290024232



4284043351



4288217198



4279894034

Previews

White Background



This preview shows how the Android color 4280847796 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 4280847796 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 4280847796 Background



This preview shows how black text looks on a background with the Android color 4280847796.

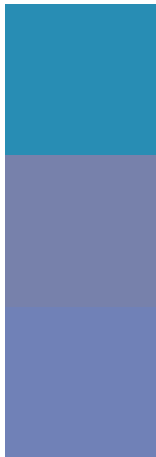


This preview shows how white text looks on a background with the Android color 4280847796.

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
4280847796

Protanopia
4286022059

Deuteranopia
4285563319

Trichromacy



Original Color
4280847796

Protanomaly
4284122542

Deuteranomaly
4283860406

Tritanomaly
4279210149

Monochromacy



Original Color
4280847796

Achromatopsia
4285756275

Achromatomaly
4283989131

CSS Examples

Text

The CSS property to change the color of the text to Android 4280847796 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(40, 141, 180)` looks like.

```
.text, #text, p{  
    color:rgb(40, 141, 180)  
}
```

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(40, 141, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 141, 180) }
```

Border

The CSS property to change the border of an element to Android 4280847796 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(40, 141, 180) }
```

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

```
.border{ border-color:rgb(40, 141, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 141, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 141, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 141, 180);  
box-shadow:4px 4px 4px 4px rgb(40, 141,  
180) }
```

Background

The CSS property to change the background color of an element to Android 4280847796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 141, 180) }
```

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

```
.background{ background-color: rgb(40, 141,  
180) }
```

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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