

Converting Colors

Android(4281177265)

Have a look what the booklet for
Android(4281177265) contains.

Android(4281177265)	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(4281177265)

Conversions

Conversions Part 1

Format	Color
Hex	2D94B1
RGB	45, 148, 177
RGB Percent	18%, 58%, 69%
CMY	0.8235, 0.4196, 0.3059
CMYK	0.75, 0.16, 0.00, 0.31
HSL	193°, 59%, 44%
HSV	193°, 75%, 69%
XYZ	19.6079, 24.9120, 45.3700
YIQ	120.5090, -70.6970, -12.8170

Conversions

Conversions Part 2

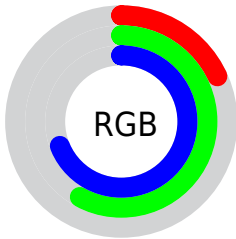
Format	Color
RYB	45, 103, 177
Decimal	2987185
CIELab	56.99, -19.17, -23.54
CIElCh	57, 30.358, 230.838
Yxy	24.9120, 0.2181, 0.2771
Android (android.graphics.Color)	4281177265 (0xFF2D94B1)
YUV	120.5090, 27.8501, -66.2214
Hunter-Lab	49.9119, -17.2222, -18.9563

Details

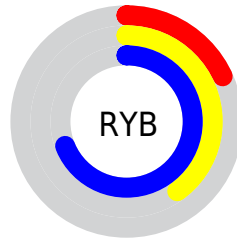
The Android color `4281177265` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289808941`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285450985`, and `4278215036` is the 20% darker color. If you saturate the color by 10%, you get `4279996593`, and if you desaturate by 10%, it is `4282357937`.

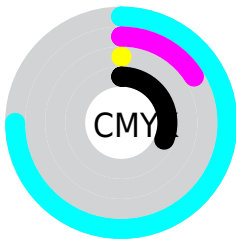
Distribution



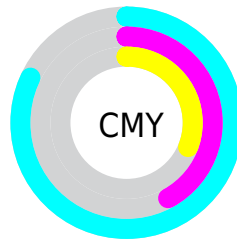
- Red (18%)
- Green (58%)
- Blue (69%)



- Red (18%)
- Yellow (40%)
- Blue (69%)



- Cyan (75%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)



- Cyan (82%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281177265 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 4281177265 by changing the saturation by 10% instead.



4281177265



4281177265

4294967295



4278221462



4285450985



4278215036



4287424255



4278208867



4289331199



4278202955



4291231743



4278198068



4293197823



4278190623



4278190083



4278190080



4281177265



4281177265

■ 4279996593

■ 4282357937

■ 4278881457

■ 4283473073

■ 4278225585

■ 4284653745

■ 4285834417

■ 4287014833

■ 4288129969

■ 4289310641

■ 4290491313

■ 4291606449

Harmonies

Analogous

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



4280915867



4281177265



4283862717

Triad

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



4281177265



4290213266



4287139159

Complementary

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



4281177265



4289808941

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.



4288840789



4281177265



4290606455

Square

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



4281177265



4288838570



4290083681



4285109095

Rectangle

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



4281177265



4285761724



4290083681



4287728212

Sweetspot

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



4281177265



4289977062



4281184586



4283788403



4294111986



4285756275

Same Dimension

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



4281177265



4279876070



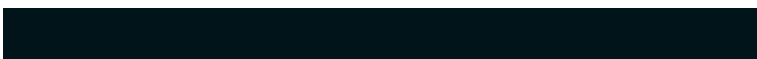
4281160369



4283455321



4278220697



4278195226

Inverse Universe

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



4289801620



4293269945



4289825837



4284043351



4288217207



4279894036

Previews

White Background



This preview shows how the Android color 4281177265 looks on a white background.

Color Contrast Check

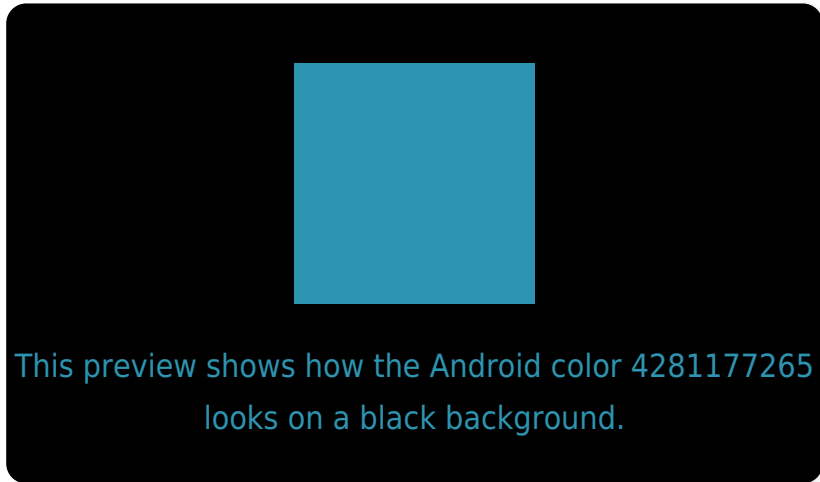
Large Text (above 18pt) WCAG AA ✓ Pass

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

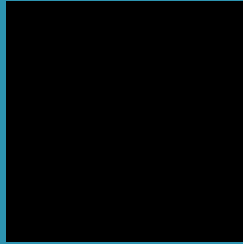
Any Text WCAG AA ✓ Pass

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 4281177265 Background



This preview shows how black text looks on a background with the Android color 4281177265.

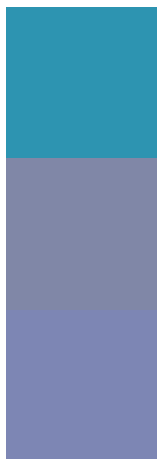


This preview shows how white text looks on a background with the Android color 4281177265.

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

4281177265

Protanopia

4286613415

Deuteranopia

4286416564

Trichromacy



Original Color
4281177265

Protanomaly
4284648619

Deuteranomaly
4284517299

Tritanomaly
4280653224

Monochromacy



Original Color
4281177265

Achromatopsia
4286151033

Achromatomaly
4284318605

CSS Examples

Text

The CSS property to change the color of the text to Android 4281177265 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(45, 148, 177)` looks like.

```
.text, #text, p{  
    color:rgb(45, 148, 177)  
}
```

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(45, 148, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 148, 177) }
```

Border

The CSS property to change the border of an element to Android 4281177265 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(45, 148, 177) }
```

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

```
.border{ border-color:rgb(45, 148, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 148, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 148, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 148, 177);  
box-shadow:4px 4px 4px 4px rgb(45, 148,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4281177265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 148, 177) }
```

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

```
.background{ background-color: rgb(45, 148,  
177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor