

Converting Colors

Android(4280320945)

Have a look what the booklet for
Android(4280320945) contains.

Android(4280320945)	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(4280320945)

Conversions

Conversions Part 1

Format	Color
Hex	2083B1
RGB	32, 131, 177
RGB Percent	13%, 51%, 69%
CMY	0.8745, 0.4863, 0.3059
CMYK	0.82, 0.26, 0.00, 0.31
HSL	199°, 69%, 41%
HSV	199°, 82%, 69%
XYZ	16.6478, 19.7140, 44.5227
YIQ	106.6430, -73.7700, -6.6820

Conversions

Conversions Part 2

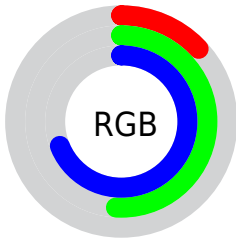
Format	Color
R_{YB}	32, 91, 177
Decimal	2130865
CIE _{Lab}	51.51, -11.25, -32.05
CIE _{LCh}	52, 33.963, 250.660
Yxy	19.7140, 0.2058, 0.2437
Android (android.graphics.Color)	4280320945 (0xFF2083B1)
YUV	106.6430, 34.6860, -65.4619
Hunter-Lab	44.4005, -10.7729, -28.3730

Details

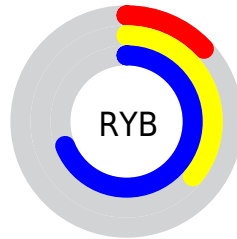
The Android color `4280320945` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4289809952`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4284922089`, and `4278211196` is the 20% darker color. If you saturate the color by 10%, you get `4279139761`, and if you desaturate by 10%, it is `4281502129`.

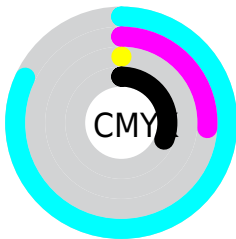
Distribution



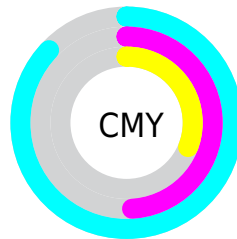
- Red (13%)
- Green (51%)
- Blue (69%)



- Red (13%)
- Yellow (36%)
- Blue (69%)



- Cyan (82%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (87%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280320945 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 4280320945 by changing the saturation by 10% instead.



4280320945



4280320945

4294967295



4278217366



4284922089



4278211196



4286895359



4278205283



4288803071



4278199627



4290772991



4278193716



4292673535



4278190622



4294705151



4278190080



4280320945



4280320945



4279139761



4281502129

■ 4278221233

■ 4282617521

■ 4283798705

■ 4284979633

■ 4286160817

■ 4287276465

■ 4288457393

■ 4289638577

■ 4290754225

Harmonies

Analogous

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



4278225056



4280320945



4284512948

Triad

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



4280320945



4289880945



4284712013

Complementary

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



4280320945



4289809952

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.



4286807104



4280320945



4289620310

Square

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



4280320945



4289160847



4288508484



4282222951

Rectangle

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



4280320945



4286477229



4288508484



4285432391

Sweetspot

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



4280320945



4289516518



4280332622



4283459699



4294111986



4285756275

Same Dimension

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



4280320945



4278558438



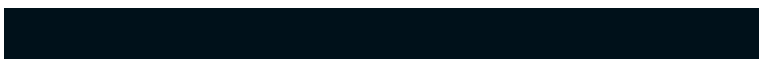
4280302513



4283455065



4278216857



4278194458

Inverse Universe

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



4289798275



4293264798



4289828384



4284043350



4288217192



4279894033

Previews

White Background



This preview shows how the Android color 4280320945 looks on a white background.

Color Contrast Check

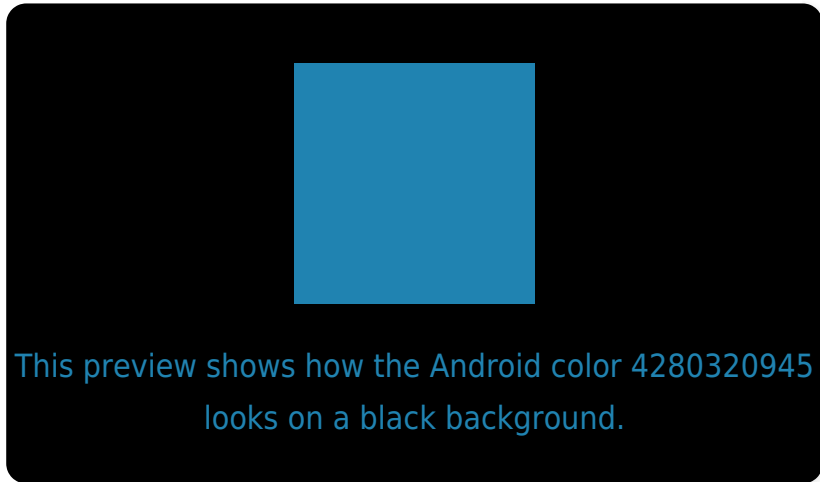
Large Text (above 18pt) WCAG AA ✓ Pass

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

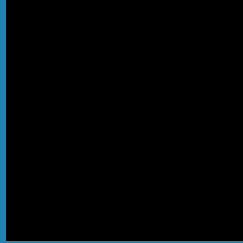
Any Text WCAG AA ✓ Pass

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 4280320945 Background



This preview shows how black text looks on a background with the Android color 4280320945.



This preview shows how white text looks on a background with the Android color 4280320945.

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
4280320945

Protanomaly
4283464876

Deuteranomaly
4283071922

Tritanomaly
4279010973

Monochromacy



Original Color
4280320945

Achromatopsia
4285229931

Achromatomaly
4283462788

CSS Examples

Text

The CSS property to change the color of the text to Android 4280320945 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(32, 131, 177)` looks like.

```
.text, #text, p{  
    color:rgb(32, 131, 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(32, 131, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 131, 177) }
```

Border

The CSS property to change the border of an element to Android 4280320945 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(32, 131, 177) }
```

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

```
.border{ border-color:rgb(32, 131, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 131, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 131, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 131, 177);  
box-shadow:4px 4px 4px 4px rgb(32, 131,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4280320945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 131, 177) }
```

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

```
.background{ background-color: rgb(32, 131,  
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