

Converting Colors

Android(4280312987)

Have a look what the booklet for
Android(4280312987) contains.

Android(4280312987)	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(4280312987)

Conversions

Conversions Part 1

Format	Color
Hex	20649B
RGB	32, 100, 155
RGB Percent	13%, 39%, 61%
CMY	0.8745, 0.6078, 0.3922
CMYK	0.79, 0.35, 0.00, 0.39
HSL	207°, 66%, 37%
HSV	207°, 79%, 61%
XYZ	11.0692, 11.7880, 32.7022
YIQ	85.9380, -58.1830, 2.6890

Conversions

Conversions Part 2

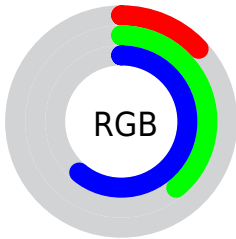
Format	Color
RYB	32, 76, 155
Decimal	2122907
CIELab	40.88, -0.99, -35.87
CIELCh	41, 35.887, 268.423
Yxy	11.7880, 0.1992, 0.2122
Android (android.graphics.Color)	4280312987 (0xFF20649B)
YUV	85.9380, 34.0476, -47.3036
Hunter-Lab	34.3336, -2.5351, -32.4393

Details

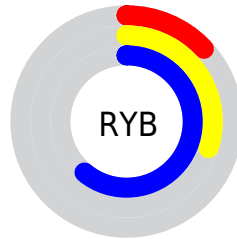
The Android color `4280312987` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288370464`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284520402`, and `4278204007` is the 20% darker color. If you saturate the color by 10%, you get `4279262619`, and if you desaturate by 10%, it is `4281297819`.

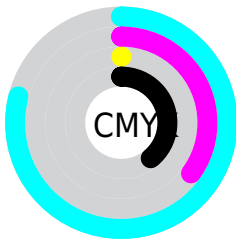
Distribution



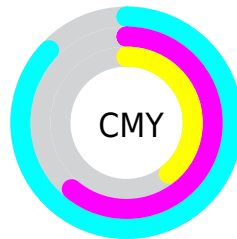
- Red (13%)
- Green (39%)
- Blue (61%)



- Red (13%)
- Yellow (30%)
- Blue (61%)



- Cyan (79%)
- Magenta (35%)
- Yellow (0%)
- Black (39%)



- Cyan (87%)
- Magenta (61%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280312987 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 4280312987 by changing the saturation by 10% instead.



4280312987



4280312987

4294967295



4278209665



4284520402



4278204007



4286427630



4278198607



4288269823



4278192440



4290177535



4278190626



4292083711



4278190087



4294049791



4278190080



4280312987



4280312987



4279262619



4281297819

■ 4278277787

■ 4282348187

■ 4278212251

■ 4283333019

■ 4284383387

■ 4285433755

■ 4286418587

■ 4287403419

■ 4288453531

■ 4289438363

Harmonies

Analogous

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



4278217618



4280312987



4284438932

Triad

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



4280312987



4288039494



4281297984

Complementary

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



4280312987



4288370464

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.



4283787050



4280312987



4287189807

Square

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



4280312987



4287973219



4285750819



4278218590

Rectangle

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



4280312987



4286140808



4285750819



4282215224

Sweetspot

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



4280312987



4288263369



4280326997



4282931558



4293322470



4284900966

Same Dimension

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



4280312987



4278875337



4280297627



4282730829



4278210188



4278191885

Inverse Universe

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



4288356452



4291365492



4288385824



4283254089



4287365198



4279042055

Previews

White Background



This preview shows how the Android color 4280312987 looks on a white background.

Color Contrast Check

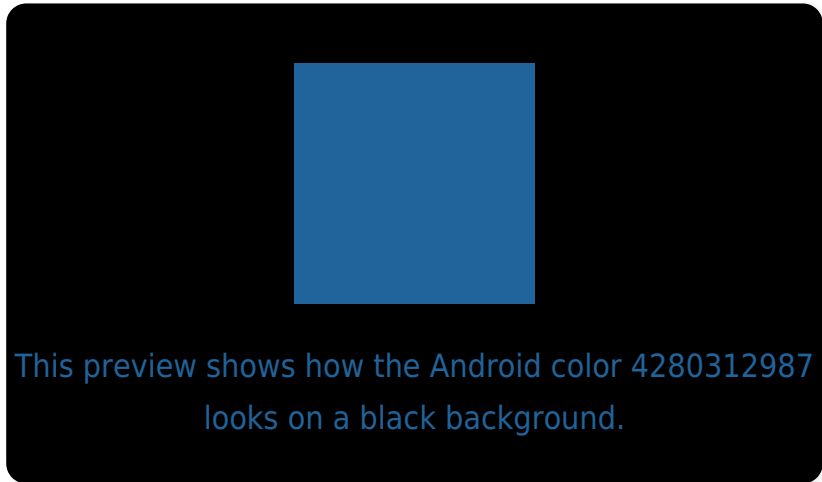
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

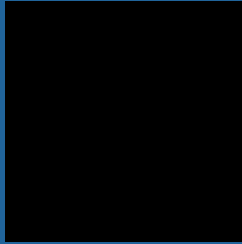
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280312987 Background



This preview shows how black text looks on a background with the Android color 4280312987.



This preview shows how white text looks on a background with the Android color 4280312987.

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
4280312987

Protanomaly
4282081432

Deuteranomaly
4281491868

Tritanomaly
4279003266

Monochromacy



Original Color
4280312987

Achromatopsia
4283848278

Achromatomaly
4282538863

CSS Examples

Text

The CSS property to change the color of the text to Android 4280312987 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, 100, 155)` looks like.

```
.text, #text, p{  
    color:rgb(32, 100, 155)  
}
```

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, 100, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 100, 155) }
```

Border

The CSS property to change the border of an element to Android 4280312987 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, 100, 155) }
```

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

```
.border{ border-color:rgb(32, 100, 155) }
```

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

Here you see how a box with a 4 pixel rgb(32, 100, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 100, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 100, 155);  
box-shadow:4px 4px 4px 4px rgb(32, 100,  
155) }
```

Background

The CSS property to change the background color of an element to Android 4280312987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 100, 155) }
```

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

```
.background{ background-color: rgb(32, 100,  
155) }
```

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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