

Converting Colors

Android(4280297632)

Have a look what the booklet for
Android(4280297632) contains.

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Color

Android(4280297632)

Conversions

Conversions Part 1

Format	Color
Hex	2028A0
RGB	32, 40, 160
RGB Percent	13%, 16%, 63%
CMY	0.8745, 0.8431, 0.3725
CMYK	0.80, 0.75, 0.00, 0.37
HSL	236°, 67%, 38%
HSV	236°, 80%, 63%
XYZ	7.6996, 4.3627, 33.6940
YIQ	51.2880, -43.2880, 35.6240

Conversions

Conversions Part 2

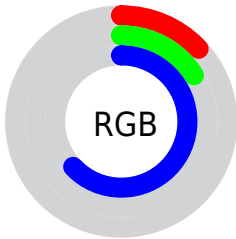
Format	Color
R_{YB}	32, 40, 160
Decimal	2107552
CIE _{Lab}	24.84, 40.33, -64.87
CIE _{LCh}	25, 76.384, 301.867
Yxy	4.3627, 0.1683, 0.0953
Android (android.graphics.Color)	4280297632 (0xFF2028A0)
YUV	51.2880, 53.5950, -16.9156
Hunter-Lab	20.8871, 29.2479, -81.0224

Details

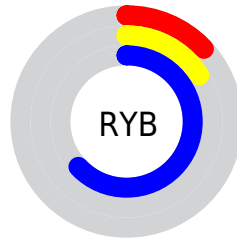
The Android color `4280297632` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4288714784`, and the grayscale version is `4281545523`.

A 20% lighter version of the original color is `4284765912`, and `4278190187` is the 20% darker color. If you saturate the color by 10%, you get `4279245216`, and if you desaturate by 10%, it is `4281350048`.

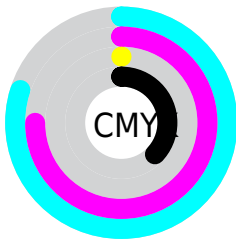
Distribution



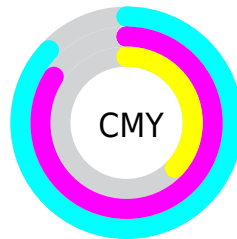
- Red (13%)
- Green (16%)
- Blue (63%)



- Red (13%)
- Yellow (16%)
- Blue (63%)



- Cyan (80%)
- Magenta (75%)
- Yellow (0%)
- Black (37%)



- Cyan (87%)
- Magenta (84%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280297632 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 4280297632 by changing the saturation by 10% instead.



4280297632



4280297632

4294967295



4278194821



4284765912



4278190187



4286738421



4278190162



4288711167



4278191418



4290618367



4278190627



4292591615



4278190090



4294564863



4278190080



4294965247



4280297632



4280297632

■ 4279245216

■ 4281350048

■ 4278192800

■ 4282402464

■ 4283454880

■ 4284507296

■ 4285559712

■ 4286612128

■ 4287664544

■ 4288716960

■ 4289769376

Harmonies

Analogous

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



4278207667



4280297632



4286382195

Triad

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



4280297632



4285668352



4278210109

Complementary

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



4280297632



4288714784

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.



4278209536



4280297632



4282792704

Square

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



4280297632



4287561728



4278208256



4278210680

Rectangle

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



4280297632



4287758413



4278208256



4278210089

Sweetspot

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



4280297632



4288651985



4280328343



4283059305



4293454056



4285098345

Same Dimension

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



4280297632



4278719953



4283900064



4282861647



4278192527



4278190351

Inverse Universe

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



4288684072



4291889173



4285112352



4283385672



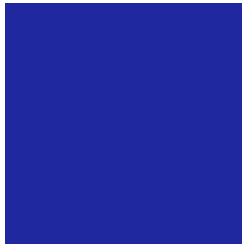
4287561737



4279173121

Previews

White Background



This preview shows how the Android color 4280297632 looks on a white background.

Color Contrast Check

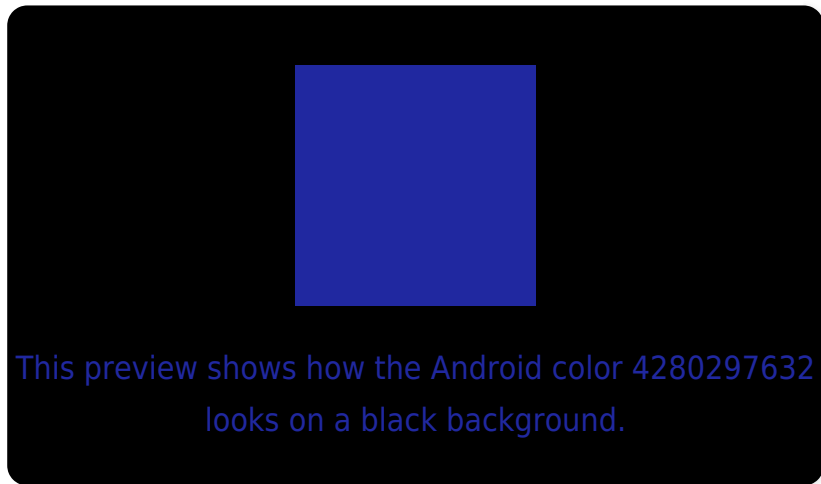
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4280297632 Background



This preview shows how black text looks on a background with the Android color 4280297632.



This preview shows how white text looks on a background with the Android color 4280297632.

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

4280297632

Protanopia

4278204792

Deuteranopia

4278205798

Trichromacy



Original Color
4280297632

Protanomaly
4278989703

Deuteranomaly
4278990203

Tritanomaly
4278991206

Monochromacy



Original Color
4280297632

Achromatopsia
4281545523

Achromatomaly
4281085787

CSS Examples

Text

The CSS property to change the color of the text to Android 4280297632 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, 40, 160)` looks like.

```
.text, #text, p{  
    color:rgb(32, 40, 160)  
}
```

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, 40, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 40, 160) }
```

Border

The CSS property to change the border of an element to Android 4280297632 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, 40, 160) }
```

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

```
.border{ border-color:rgb(32, 40, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 40, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 40, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 40, 160);  
box-shadow:4px 4px 4px 4px rgb(32, 40,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4280297632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 40, 160) }
```

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

```
.background{ background-color: rgb(32, 40,  
160) }
```

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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