

Converting Colors

Android(4280562177)

Have a look what the booklet for
Android(4280562177) contains.

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Color

Android(4280562177)

Conversions

Conversions Part 1

Format	Color
Hex	243201
RGB	36, 50, 1
RGB Percent	14%, 20%, 0%
CMY	0.8588, 0.8039, 0.9961
CMYK	0.28, 0.00, 0.98, 0.80
HSL	77°, 96%, 10%
HSV	77°, 98%, 20%
XYZ	1.8736, 2.6585, 0.4431
YIQ	40.2280, 7.3850, -18.2070

Conversions

Conversions Part 2

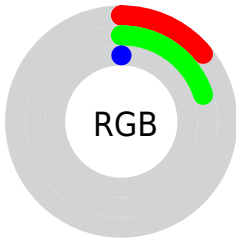
Format	Color
R_{YB}	1, 50, 15
Decimal	2372097
CIE Lab	18.62, -14.16, 25.77
CIE LCh	19, 29.401, 118.789
Yxy	2.6585, 0.3766, 0.5343
Android (android.graphics.Color)	4280562177 (0xFF243201)
YUV	40.2280, -19.3394, -3.7080
Hunter-Lab	16.3048, -8.0214, 9.8021

Details

The Android color **4280562177** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279173426**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4283588656**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280562176**, and if you desaturate by 10%, it is **4280627718**.

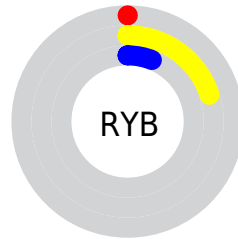
Distribution



Red (14%)

Green (20%)

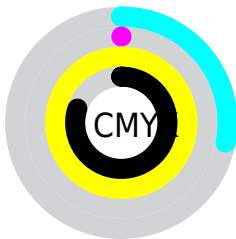
Blue (0%)



Red (0%)

Yellow (20%)

Blue (6%)

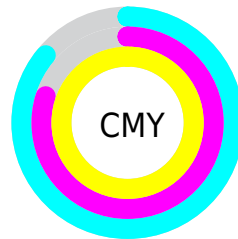


Cyan (28%)

Magenta (0%)

Yellow (98%)

Black (80%)



Cyan (86%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280562177 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 4280562177 by changing the saturation by 10% instead.



4280562177



4280562177



4294967269



4278918400



4283588656



4278190080



4285233479



4286944095



4288654712



4290431378



4292273581



4294180808



4280562177



4280562177

■ 4280562176

■ 4280627718

■ 4280758795

■ 4280824336

■ 4280955413

■ 4281020954

■ 4281152031

■ 4281217572

■ 4281283113

■ 4281414190

Harmonies

Analogous

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



4281936896



4280562177



4278269462

Triad

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



4280562177



4278203730



4283570223

Complementary

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



4280562177



4279173426

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.



4282785348



4280562177



4278202456

Square

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



4280562177



4278204225



4281018451



4283570970

Rectangle

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



4280562177



4278204196



4281018451



4283439414

Sweetspot

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



4280562177



4282007597



4281470721



4280164630



4288782753



4280361249

Same Dimension

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



4280562177



4281221120



4278989313



4279835159



4282407168



4288403712

Inverse Universe

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



4279173426



4279369792



4280746290



4279768858



4279828569



4282253529

Previews

White Background



This preview shows how the Android color 4280562177 looks on a white background.

Color Contrast Check

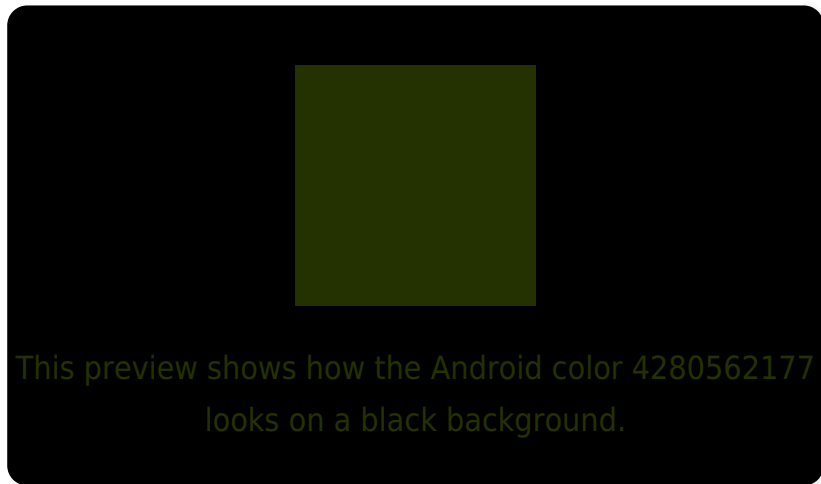
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280562177 Background



This preview shows how black text looks on a background with the Android color 4280562177.



This preview shows how white text looks on a background with the Android color 4280562177.

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
4280562177

Protanopia
4281544192

Deuteranopia
4281936649

Trichromacy



Original Color

4280562177

Protanomaly

4281216768

Deuteranomaly

4281413126

Tritanomaly

4280758048

Monochromacy



Original Color

4280562177

Achromatopsia

4280821800

Achromatomaly

4280757274

CSS Examples

Text

The CSS property to change the color of the text to Android 4280562177 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(36, 50, 1)` looks like.

```
.text, #text, p{  
    color:rgb(36, 50, 1)  
}
```

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(36, 50, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 50, 1) }
```

Border

The CSS property to change the border of an element to Android 4280562177 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(36, 50, 1) }
```

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

```
.border{ border-color:rgb(36, 50, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 50, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 50, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 50, 1); box-shadow:4px  
4px 4px 4px rgb(36, 50, 1) }
```

Background

The CSS property to change the background color of an element to Android 4280562177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 50, 1) }
```

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

```
.background{ background-color: rgb(36, 50,  
1) }
```

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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