

Converting Colors

Android(4283200180)

Have a look what the booklet for
Android(4283200180) contains.

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Color

Android(4283200180)

Conversions

Conversions Part 1

Format	Color
Hex	4C72B4
RGB	76, 114, 180
RGB Percent	30%, 45%, 71%
CMY	0.7020, 0.5529, 0.2941
CMYK	0.58, 0.37, 0.00, 0.29
HSL	218°, 41%, 50%
HSV	218°, 58%, 71%
XYZ	17.2360, 16.8664, 45.5271
YIQ	110.1620, -43.8340, 12.4700

Conversions

Conversions Part 2

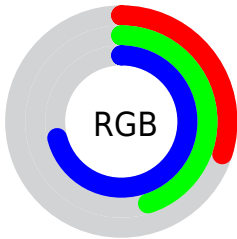
Format	Color
R _Y B	76, 104, 180
Decimal	5010100
CIE Lab	48.09, 6.76, -39.05
CIE LCh	48, 39.632, 279.814
Yxy	16.8664, 0.2165, 0.2118
Android (android.graphics.Color)	4283200180 (0xFF4C72B4)
YUV	110.1620, 34.4301, -29.9601
Hunter-Lab	41.0687, 3.0439, -36.9783

Details

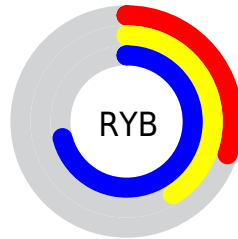
The Android color `4283200180` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290022988`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4286883564`, and `4278207359` is the 20% darker color. If you saturate the color by 10%, you get `4282017716`, and if you desaturate by 10%, it is `4284382644`.

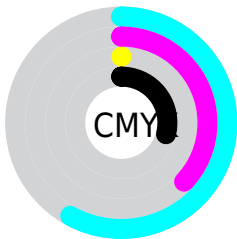
Distribution



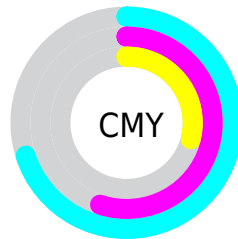
- Red (30%)
- Green (45%)
- Blue (71%)



- Red (30%)
- Yellow (41%)
- Blue (71%)



- Cyan (58%)
- Magenta (37%)
- Yellow (0%)
- Black (29%)



- Cyan (70%)
- Magenta (55%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283200180 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 4283200180 by changing the saturation by 10% instead.

■ 4283200180

■ 4283200180

4294967295

■ 4281227929

■ 4286883564

■ 4278207359

■ 4288725503

■ 4278201701

■ 4290632959

■ 4278196557

■ 4292540927

■ 4278191414

■ 4294508543

■ 4278190624

■ 4278190083

■ 4278190080

■ 4283200180

■ 4283200180

■ 4282017716

■ 4284382644

■ 4280834996

■ 4285565364

■ 4279652532

■ 4286747828

■ 4278469812

■ 4287930548

■ 4278207156

■ 4289113012

■ 4290295732

■ 4291478196

■ 4292660660

■ 4293843380

Harmonies

Analogous

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



4278222000



4283200180



4286801318

Triad

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



4283200180



4289420361



4280451418

Complementary

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



4283200180



4290022988

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.



4283923517



4283200180



4288178227

Square

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



4283200180



4289811816



4286280749



4278223740

Rectangle

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



4283200180



4288372116



4286280749



4281892943

Sweetspot

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



4283200180



4291023339



4283217038



4284376693



4294309365



4285887861

Same Dimension

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



4283200180



4283008235



4284107956



4283454553



4278204569



4278192410

Inverse Universe

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



4290006130



4293609860



4289115212



4284043348



4288217144



4279894025

Previews

White Background



This preview shows how the Android color 4283200180 looks on a white background.

Color Contrast Check

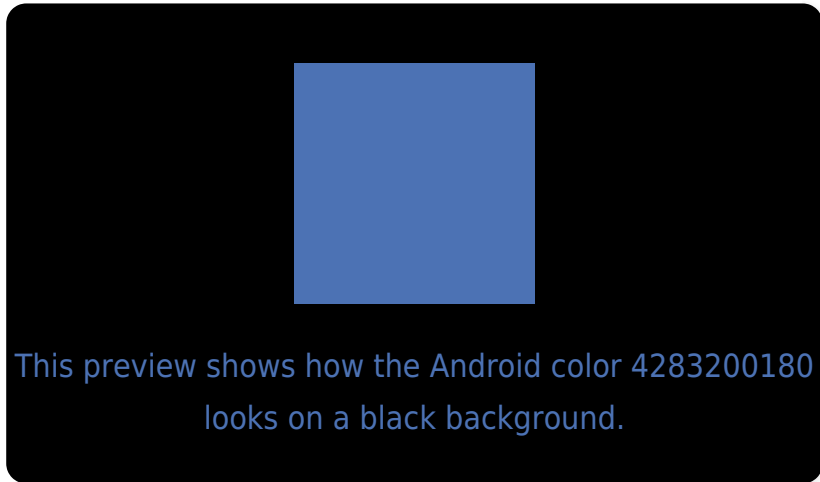
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283200180 Background



This preview shows how black text looks on a background with the Android color 4283200180.



This preview shows how white text looks on a background with the Android color 4283200180.

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

4283200180

Protanopia

4284051634

Deuteranopia

4283265716

Trichromacy



Original Color
4283200180

Protanomaly
4283724211

Deuteranomaly
4283265716

Tritanomaly
4282415255

Monochromacy



Original Color
4283200180

Achromatopsia
4285427310

Achromatomaly
4284641159

CSS Examples

Text

The CSS property to change the color of the text to Android 4283200180 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(76, 114, 180)` looks like.

```
.text, #text, p{  
    color:rgb(76, 114, 180)  
}
```

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(76, 114, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 114, 180) }
```

Border

The CSS property to change the border of an element to Android 4283200180 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(76, 114, 180) }
```

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

```
.border{ border-color:rgb(76, 114, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 114, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 114, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 114, 180);  
box-shadow:4px 4px 4px 4px rgb(76, 114,  
180) }
```

Background

The CSS property to change the background color of an element to Android 4283200180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 114, 180) }
```

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

```
.background{ background-color: rgb(76, 114,  
180) }
```

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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