Converting Colors

Android(4280116168)

Have a look what the booklet for Android(4280116168) contains.

Color

Android(4280116168)

Conversions

Conversions Part 1

Format	Color
Hex	1D63C8
RGB	29, 99, 200
RGB Percent	11%, 39%, 78%
CMY	0.8863, 0.6118, 0.2157
CMYK	0.85, 0.51, 0.00, 0.22
HSL	215°, 75%, 45%
HSV	215°, 86%, 78%
XYZ	15.3939, 13.3550, 56.4100
YIQ	89.5840, -74.1410, 16.5710

Conversions

Conversions Part 2

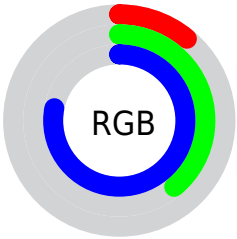
Format	Color
RYB	29, 79, 200
Decimal	1926088
CIELab	43.29, 16.97, -58.40
CIELCh	43, 60.817, 286.204
Yxy	13.3550, 0.1808, 0.1568
Android (android.graphics.Color)	4280116168 (0xFF1D63C8)
YUV	89.5840, 54.4351, -53.1322
Hunter-Lab	36.5445, 11.2377, -65.9387

Details

The Android color 4280116168 is a dark color, and the websafe version is hex 0066CC. The color can be described as dark washed azure. A complement of this color would be 4291330589, and the grayscale version is 4284045657.

A 20% lighter version of the original color is 4285109759, and 4278204049 is the 20% darker color. If you saturate the color by 10%, you get 4278802376, and if you desaturate by 10%, it is 4281429960.

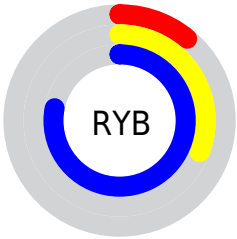
Distribution



Red (11%)

Green (39%)

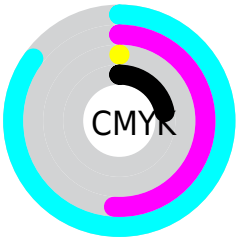
Blue (78%)



Red (11%)

Yellow (31%)

Blue (78%)

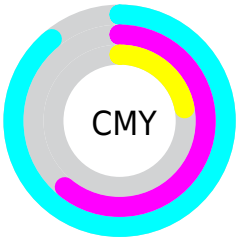


Cyan (85%)

Magenta (51%)

Yellow (0%)

Black (22%)



Cyan (89%)

Magenta (61%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280116168 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 4280116168 by changing the saturation by 10% instead.

4280116168

4294967295

4285109759

4287148287

4289186815

4291160063

4293132287

4280116168

4278209708

4278204049

4278198903

4278193245

4278192197

4278190894

4278190360

4278190080

4280116168

4280116168

4278802376

4278211272

4281429960

4282743752

4284057288

4285371080

4286684872

4287998664

4289312456

4290626248

4291939784

Harmonies

Analogous

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

4278219721

4280116168

4287253421

Triad

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

4280116168

4289676317

4278221644

Complementary

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

4280116168

4291330589

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.

4280251926

4280116168

4287585280

Square

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

4280116168

4290653517

4284705792

4278222209

Rectangle

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

4280116168

4289280144

4284705792

4278221371

Sweetspot

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

4280116168

4290631935

4280141953

4283984000

4278190080

4286611584

Same Dimension

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

4280116168

4278216959

4281015752

4284112483

4278207395

4278193956

Inverse Universe

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

4291304803

4294901864

4290431005

4284701278

4288872515

4280549391

Previews

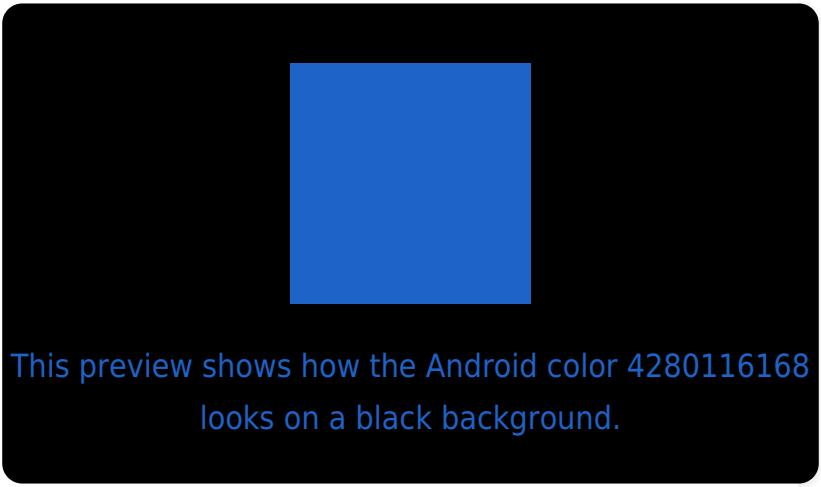
White Background

This preview shows how the Android color 4280116168 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

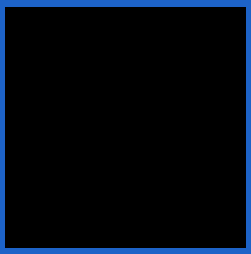


Color Contrast Check

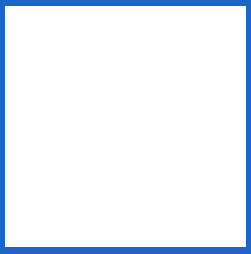
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4280116168 Background



This preview shows how black text looks on a background with the Android color 4280116168.



This preview shows how white text looks on a background with the Android color 4280116168.

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

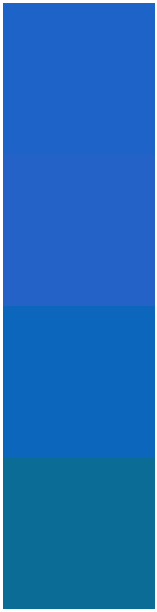
Original Color
4280116168

Protanopia
4280836807

Deuteranopia
4278216885

Tritanopia
4278219129

Trichromacy



Original Color
4280116168

Protanomaly
4280574663

Deuteranomaly
4278937276

Tritanomaly
4278938774

Monochromacy

Original Color
4280116168

Achromatopsia
4284111450

Achromatomaly
4282670466

CSS Examples

Text

The CSS property to change the color of the text to Android 4280116168 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(29, 99, 200) looks like.

```
.text, #text, p{
    color:rgb(29, 99, 200)
}
```

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(29, 99, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 99, 200) }
```

Border

The CSS property to change the border of an element to Android 4280116168 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(29, 99, 200) }
```

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

```
.border{ border-color:rgb(29, 99, 200) }
```

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

Here you see how a box with a 4 pixel rgb(29, 99, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(29, 99, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(29, 99, 200); box-shadow:4px 4px 4px 4px rgb(29, 99, 200) }
```

Background

The CSS property to change the background color of an element to Android 4280116168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(29, 99, 200) }
```

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

```
.background{ background-color:rgb(29, 99,
200) }
```

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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