

Converting Colors

Android(4280248009)

Have a look what the booklet for
Android(4280248009) contains.

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Color

Android(4280248009)

Conversions

Conversions Part 1

Format	Color
Hex	1F66C9
RGB	31, 102, 201
RGB Percent	12%, 40%, 79%
CMY	0.8784, 0.6000, 0.2118
CMYK	0.85, 0.49, 0.00, 0.21
HSL	215°, 73%, 45%
HSV	215°, 85%, 79%
XYZ	15.8591, 14.0111, 57.1269
YIQ	92.0570, -74.0950, 15.7370

Conversions

Conversions Part 2

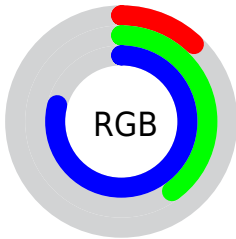
Format	Color
R_{YB}	31, 81, 201
Decimal	2057929
CIE _{Lab}	44.25, 15.57, -57.43
CIE _{LCh}	44, 59.504, 285.170
Yxy	14.0111, 0.1823, 0.1611
Android (android.graphics.Color)	4280248009 (0xFF1F66C9)
YUV	92.0570, 53.7089, -53.5470
Hunter-Lab	37.4314, 10.1225, -64.2850

Details

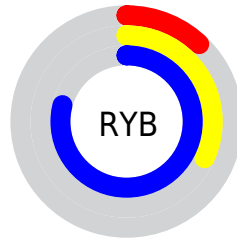
The Android color `4280248009` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291396127`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4285176063`, and `4278204562` is the 20% darker color. If you saturate the color by 10%, you get `4278934217`, and if you desaturate by 10%, it is `4281561801`.

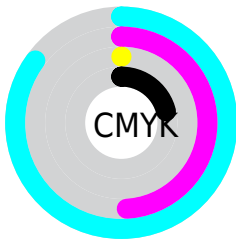
Distribution



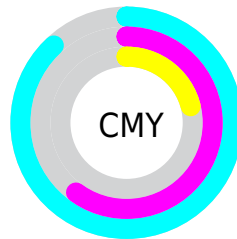
- Red (12%)
- Green (40%)
- Blue (79%)



- Red (12%)
- Yellow (32%)
- Blue (79%)



- Cyan (85%)
- Magenta (49%)
- Yellow (0%)
- Black (21%)



- Cyan (88%)
- Magenta (60%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280248009 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 4280248009 by changing the saturation by 10% instead.



4280248009



4280248009

4294967295



4278210221



4285176063



4278204562



4287214591



4278199416



4289253119



4278194270



4291226367



4278192198



4293197823



4278191150



4278190361



4278190080



4280248009



4280248009

■ 4278934217

■ 4281561801

■ 4278211785

■ 4282875337

■ 4284189129

■ 4285502921

■ 4286882249

■ 4288195785

■ 4289509577

■ 4290823369

■ 4292136905

Harmonies

Analogous

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



4278220233



4280248009



4287188911

Triad

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



4280248009



4289873443



4278222157

Complementary

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



4280248009



4291396127

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.



4280907801



4280248009



4287847680

Square

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



4280248009



4290720338



4284968448



4278222721

Rectangle

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



4280248009



4289347219



4284968448



4278221884

Sweetspot

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



4280248009



4290763519



4280273279



4284049792



4278190080



4286611584

Same Dimension

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



4280248009



4278217727



4280950729



4284112483



4278207651



4278193956

Inverse Universe

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



4291370854



4294901866



4290693407



4284701278



4288872516



4280549391

Previews

White Background



This preview shows how the Android color 4280248009 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



This preview shows how the Android color 4280248009 looks on a 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 4280248009 Background



This preview shows how black text looks on a background with the Android color 4280248009.

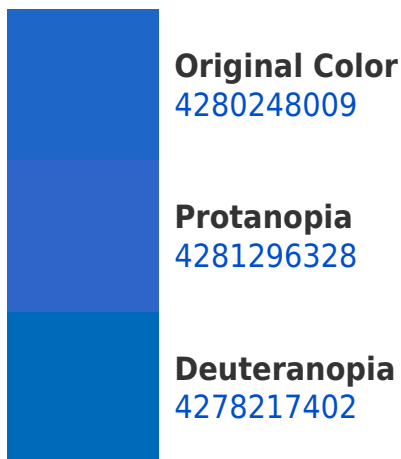


This preview shows how white text looks on a background with the Android color 4280248009.

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
4280248009

Protanomaly
4280903112

Deuteranomaly
4278938047

Tritanomaly
4278939543

Monochromacy



Original Color
4280248009

Achromatopsia
4284243036

Achromatomaly
4282802308

CSS Examples

Text

The CSS property to change the color of the text to Android 4280248009 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(31, 102, 201)` looks like.

```
.text, #text, p{  
    color:rgb(31, 102, 201)  
}
```

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(31, 102, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 102, 201) }
```

Border

The CSS property to change the border of an element to Android 4280248009 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(31, 102, 201) }
```

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

```
.border{ border-color:rgb(31, 102, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 102, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 102, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 102, 201);  
box-shadow:4px 4px 4px 4px rgb(31, 102,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4280248009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 102, 201) }
```

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

```
.background{ background-color: rgb(31, 102,  
201) }
```

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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