

Converting Colors

Android(4280042162)

Have a look what the booklet for
Android(4280042162) contains.

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Color

Android(4280042162)

Conversions

Conversions Part 1

Format	Color
Hex	1C42B2
RGB	28, 66, 178
RGB Percent	11%, 26%, 70%
CMY	0.8902, 0.7412, 0.3020
CMYK	0.84, 0.63, 0.00, 0.30
HSL	225°, 73%, 40%
HSV	225°, 84%, 70%
XYZ	10.4630, 7.3577, 42.9882
YIQ	67.4060, -58.6000, 26.7760

Conversions

Conversions Part 2

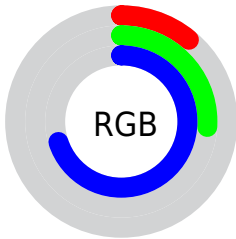
Format	Color
R _Y B	28, 58, 178
Decimal	1852082
CIE Lab	32.61, 30.11, -62.91
CIE LCh	33, 69.751, 295.579
Yxy	7.3577, 0.1721, 0.1210
Android (android.graphics.Color)	4280042162 (0xFF1C42B2)
YUV	67.4060, 54.5228, -34.5591
Hunter-Lab	27.1250, 21.3844, -74.9763




Details

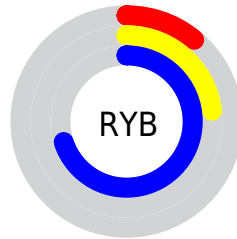
The Android color `4280042162` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289891356`, and the grayscale version is `4282598211`.




A 20% lighter version of the original color is `4284838635`, and `4278196604` is the 20% darker color. If you saturate the color by 10%, you get `4278859186`, and if you desaturate by 10%, it is `4281225138`.

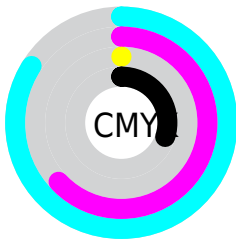
Distribution







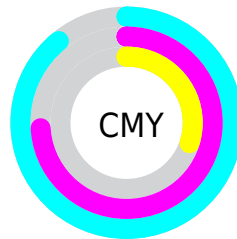
-  Red (11%)
-  Green (26%)
-  Blue (70%)






-  Red (11%)
-  Yellow (23%)
-  Blue (70%)



-  Cyan (84%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (30%)



-  Cyan (89%)
-  Magenta (74%)
-  Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280042162 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 4280042162 by changing the saturation by 10% instead.

■ 4280042162

■ 4280042162

4294967295

■ 4278201495

■ 4284838635

■ 4278196604

■ 4286811135

■ 4278190434

■ 4288783871

■ 4278192458

■ 4290756863

■ 4278191154

■ 4292730111

■ 4278190620

■ 4294703615

■ 4278190080

■ 4280042162

■ 4280042162

■ 4278859186

■ 4281225138

■ 4278201778

■ 4282408370

■ 4283525810

■ 4284708786

■ 4285891762

■ 4287074994

■ 4288257970

■ 4289375410

■ 4290558642

Harmonies

Analogous

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



4278212541



4280042162



4286846604

Triad

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



4280042162



4287441664



4278214979

Complementary

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



4280042162



4289891356

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.



4278214144



4280042162



4284827648

Square

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



4280042162



4289003554



4281358080



4278215291

Rectangle

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



4280042162



4288544874



4281358080



4278214959

Sweetspot

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



4280042162



4289641960



4280070794



4283587445



4294309365



4285887861

Same Dimension

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



4280042162



4278205416



4282326194



4283454297



4278200217



4278191642

Inverse Universe

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



4289862722



4293394491



4287607324



4284043347



4288217127



4279894022

Previews

White Background



This preview shows how the Android color 4280042162 looks on a white background.

Color Contrast Check

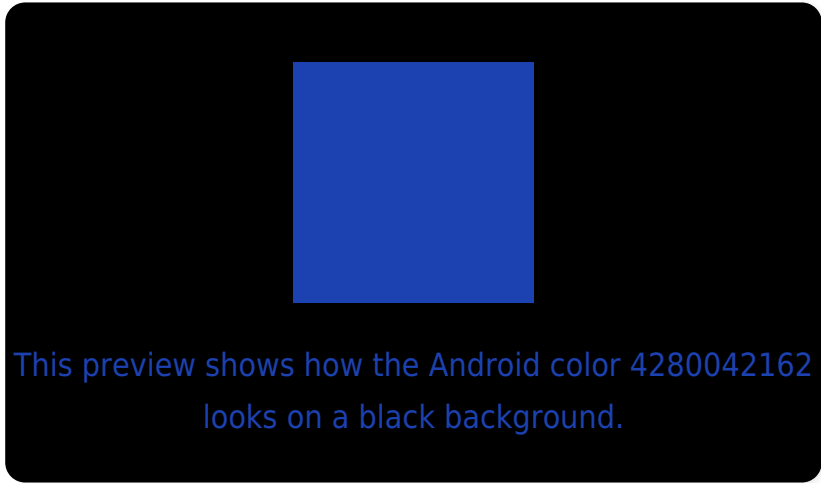
Large Text (above 18pt) WCAG AA ✓ Pass

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

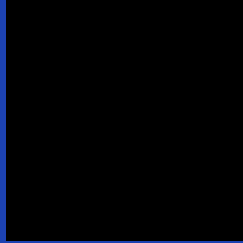
Any Text WCAG AA × Fail

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 4280042162 Background



This preview shows how black text looks on a background with the Android color 4280042162.



This preview shows how white text looks on a background with the Android color 4280042162.

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

4280042162

Protanopia

4278209180

Deuteranopia

4278210437

Trichromacy



Original Color
4280042162

Protanomaly
4278863780

Deuteranomaly
4278864533

Tritanomaly
4278865530

Monochromacy



Original Color
4280042162

Achromatopsia
4282598211

Achromatomaly
4281680747

CSS Examples

Text

The CSS property to change the color of the text to Android 4280042162 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(28, 66, 178)` looks like.

```
.text, #text, p{  
    color:rgb(28, 66, 178)  
}
```

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(28, 66, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 66, 178) }
```

Border

The CSS property to change the border of an element to Android 4280042162 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(28, 66, 178) }
```

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

```
.border{ border-color:rgb(28, 66, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 66, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 66, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 66, 178);  
box-shadow:4px 4px 4px 4px rgb(28, 66,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4280042162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 66, 178) }
```

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

```
.background{ background-color: rgb(28, 66,  
178) }
```

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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