

Converting Colors

Android(4281401520)

Have a look what the booklet for
Android(4281401520) contains.

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Color

Android(4281401520)

Conversions

Conversions Part 1

Format	Color
Hex	3100B0
RGB	49, 0, 176
RGB Percent	19%, 0%, 69%
CMY	0.8078, 1.0000, 0.3098
CMYK	0.72, 1.00, 0.00, 0.31
HSL	257°, 100%, 35%
HSV	257°, 100%, 69%
XYZ	9.1031, 3.7876, 41.3256
YIQ	34.7150, -27.2920, 65.1240

Conversions

Conversions Part 2

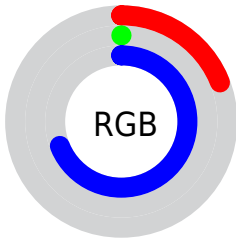
Format	Color
R_{YB}	49, 0, 176
Decimal	3211440
CIE _{Lab}	22.96, 60.85, -77.64
CIE _{LCh}	23, 98.642, 308.087
Yxy	3.7876, 0.1679, 0.0699
Android (android.graphics.Color)	4281401520 (0xFF3100B0)
YUV	34.7150, 69.6535, 12.5279
Hunter-Lab	19.4616, 49.4347, -112.2754

Details

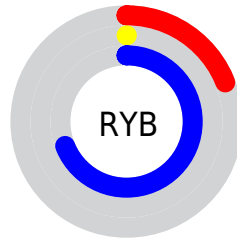
The Android color **4281401520** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4286558208**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4285873897**, and **4278190202** is the 20% darker color. If you saturate the color by 10%, you get **4281401520**, and if you desaturate by 10%, it is **4282258096**.

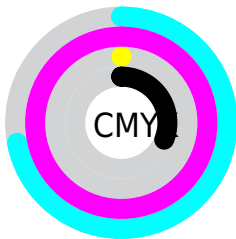
Distribution



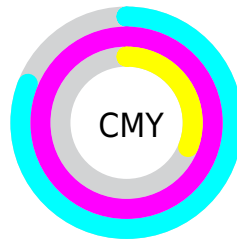
- Red (19%)
- Green (0%)
- Blue (69%)



- Red (19%)
- Yellow (0%)
- Blue (69%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (81%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281401520 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 4281401520 by changing the saturation by 10% instead.

 4281401520

 4281401520

4294967295

 4278190228

 4285873897

 4278190202

 4287846655

 4278190176

 4289885183

 4278192199

 4291858175

 4278191151

 4293896703

 4278190362

 4294952447

 4278190080

 4294959871

 4281401520

■ 4282258096

■ 4283048880

■ 4283905456

■ 4284761776

■ 4285618352

■ 4286409392

■ 4287265712

■ 4288122288

■ 4288913072

Harmonies

Analogous

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



4278206929



4281401520



4287889520

Triad

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



4281401520



4285339136



4278209866

Complementary

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



4281401520



4286558208

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.



4278209024



4281401520



4281481984

Square

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



4281401520



4288020480



4278208000



4278210452

Rectangle

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



4281401520



4289134656



4278208000



4278209584

Sweetspot

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



4281401520



4290028006



4278223280



4283779443



4294111986



4285756275

Same Dimension

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



4281401520



4282384614



4287037616



4283650137



4281008281



4278648858

Inverse Universe

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



4289724543



4293263526



4280922112



4284043351



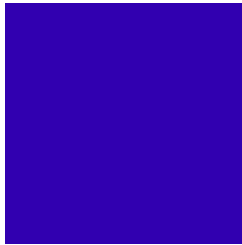
4288217198



4279894034

Previews

White Background



This preview shows how the Android color 4281401520 looks on a white background.

Color Contrast Check

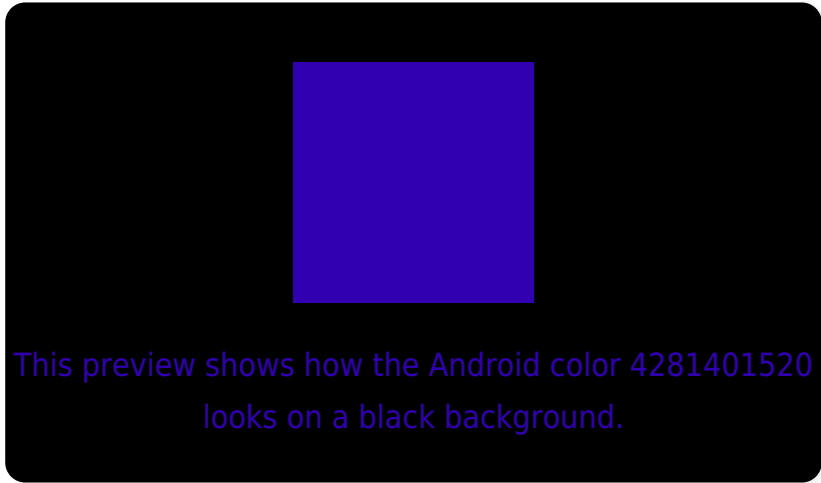
Large Text (above 18pt) WCAG AA ✓ Pass

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

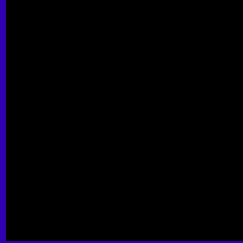
Any Text WCAG AA × Fail

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 4281401520 Background



This preview shows how black text looks on a background with the Android color 4281401520.



This preview shows how white text looks on a background with the Android color 4281401520.

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
4281401520

Protanopia
4278204532

Deuteranopia
4278205283

Trichromacy



Original Color
4281401520

Protanomaly
4279379082

Deuteranomaly
4279379583

Tritanomaly
4279380331

Monochromacy



Original Color
4281401520

Achromatopsia
4280492835

Achromatomaly
4280817238

CSS Examples

Text

The CSS property to change the color of the text to Android 4281401520 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(49, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(49, 0, 176)  
}
```

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(49, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 0, 176) }
```

Border

The CSS property to change the border of an element to Android 4281401520 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(49, 0, 176) }
```

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

```
.border{ border-color:rgb(49, 0, 176) }
```

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

Here you see how a box with a 4 pixel rgb(49, 0, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(49, 0, 176)  
}
```

Background

The CSS property to change the background color of an element to Android 4281401520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 0, 176) }
```

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

```
.background{ background-color: rgb(49, 0,  
176) }
```

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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