

Converting Colors

Android(4282450091)

Have a look what the booklet for
Android(4282450091) contains.

Android(4282450091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282450091)

Conversions

Conversions Part 1

Format	Color
Hex	4100AB
RGB	65, 0, 171
RGB Percent	25%, 0%, 67%
CMY	0.7451, 1.0000, 0.3294
CMYK	0.62, 1.00, 0.00, 0.33
HSL	263°, 100%, 34%
HSV	263°, 100%, 67%
XYZ	9.5307, 4.0641, 38.8102
YIQ	38.9290, -16.1510, 66.9610

Conversions

Conversions Part 2

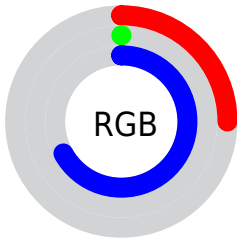
Format	Color
RYB	65, 0, 171
Decimal	4260011
CIELab	23.88, 60.38, -73.04
CIELCh	24, 94.771, 309.581
Yxy	4.0641, 0.1819, 0.0776
Android (android.graphics.Color)	4282450091 (0xFF4100AB)
YUV	38.9290, 65.1110, 22.8643
Hunter-Lab	20.1596, 49.1085, -100.0303

Details

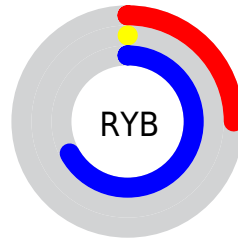
The Android color **4282450091** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4285180672**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4286529764**, and **4278190197** is the 20% darker color. If you saturate the color by 10%, you get **4282450091**, and if you desaturate by 10%, it is **4283175339**.

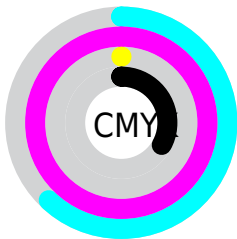
Distribution



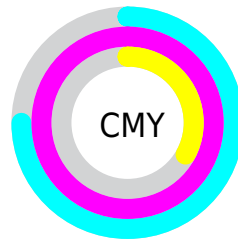
- Red (25%)
- Green (0%)
- Blue (67%)



- Red (25%)
- Yellow (0%)
- Blue (67%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (75%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282450091 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 4282450091 by changing the saturation by 10% instead.

 4282450091

 4282450091

4294967295

 4279763088

 4286529764

 4278190197

 4288502527

 4278190171

 4290475519

 4278191939

 4292448511

 4278190892

 4294421503

 4278190358

 4294953215

 4278190080

 4294960383

 4282450091

■ 4283175339

■ 4283835051

■ 4284560299

■ 4285220011

■ 4285945259

■ 4286670763

■ 4287330475

■ 4288055723

■ 4288715435

Harmonies

Analogous

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



4278206669



4282450091



4287955052

Triad

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



4282450091



4285275648



4278210383

Complementary

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



4282450091



4285180672

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.



4278209536



4282450091



4281482752

Square

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



4282450091



4287954944



4278208768



4278210965

Rectangle

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



4282450091



4289069118



4278208768



4278210102

Sweetspot

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



4282450091



4290091998



4278217899



4283910256



4293980400



4285558896

Same Dimension

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



4282450091



4283695326



4287889579



4283518551



4281925782



4278779927

Inverse Universe

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



4289396842



4292739210



4279741184



4283911763



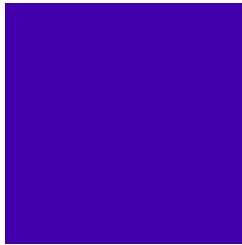
4288020573



4279697422

Previews

White Background



This preview shows how the Android color 4282450091 looks on a white background.

Color Contrast Check

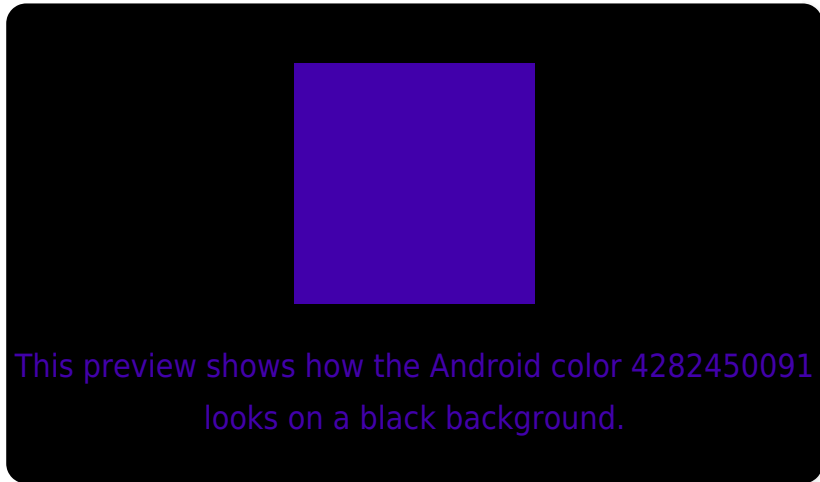
Large Text (above 18pt) WCAG AA ✓ Pass

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

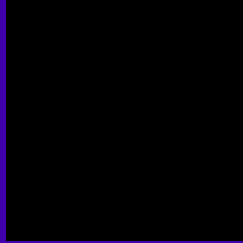
Any Text WCAG AA × Fail

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 4282450091 Background



This preview shows how black text looks on a background with the Android color 4282450091.



This preview shows how white text looks on a background with the Android color 4282450091.

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
4282450091

Protanopia
4278205049

Deuteranopia
4278205799

Trichromacy



Original Color

4282450091

Protanomaly

4279772555

Deuteranomaly

4279773056

Tritanomaly

4279773803

Monochromacy



Original Color

4282450091

Achromatopsia

4280756007

Achromatomaly

4281342295

CSS Examples

Text

The CSS property to change the color of the text to Android 4282450091 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(65, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 171)  
}
```

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(65, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 171) }
```

Border

The CSS property to change the border of an element to Android 4282450091 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(65, 0, 171) }
```

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

```
.border{ border-color:rgb(65, 0, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 0, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(65, 0, 171)  
}
```

Background

The CSS property to change the background color of an element to Android 4282450091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 171) }
```

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

```
.background{ background-color: rgb(65, 0,  
171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor