

Converting Colors

Android(4282646684)

Have a look what the booklet for
Android(4282646684) contains.

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Color

Android(4282646684)

Conversions

Conversions Part 1

Format	Color
Hex	44009C
RGB	68, 0, 156
RGB Percent	27%, 0%, 61%
CMY	0.7333, 1.0000, 0.3882
CMYK	0.56, 1.00, 0.00, 0.39
HSL	266°, 100%, 31%
HSV	266°, 100%, 61%
XYZ	8.3846, 3.6292, 31.7111
YIQ	38.1160, -9.5480, 62.9320

Conversions

Conversions Part 2

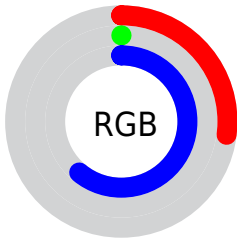
Format	Color
R_{YB}	68, 0, 156
Decimal	4456604
CIE _{Lab}	22.41, 57.04, -66.35
CIE _{LCh}	22, 87.499, 310.682
Yxy	3.6292, 0.1918, 0.0830
Android (android.graphics.Color)	4282646684 (0xFF44009C)
YUV	38.1160, 58.1168, 26.2083
Hunter-Lab	19.0506, 45.2239, -85.3572

Details

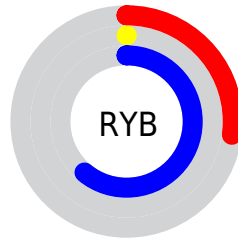
The Android color **4282646684** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4283997184**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4286529236**, and **4278190183** is the 20% darker color. If you saturate the color by 10%, you get **4282646684**, and if you desaturate by 10%, it is **4283240604**.

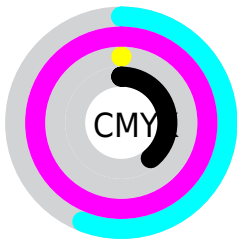
Distribution



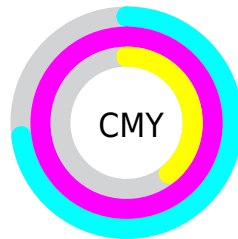
- Red (27%)
- Green (0%)
- Blue (61%)



- Red (27%)
- Yellow (0%)
- Blue (61%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (73%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282646684 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 4282646684 by changing the saturation by 10% instead.

 4282646684

 4282646684

4294967295

 4280418433

 4286529236

 4278190183

 4288436721

 4278190158

 4290409471

 4278191414

 4292316927

 4278190624

 4294289919

 4278190084

 4294952447

 4278190080

 4294959871

 4282646684

 4283240604

 4283834268

 4284362652

 4284956316

 4285550236

 4286144156

 4286737820

 4287266204

 4287859868

Harmonies

Analogous

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



4278205372



4282646684



4287365218

Triad

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



4282646684



4284686080



4278209101

Complementary

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



4282646684



4283997184

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.



4278208512



4282646684



4281154304

Square

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



4282646684



4287168512



4278207744



4278209676

Rectangle

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



4282646684



4288282680



4278207744



4278209078

Sweetspot

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



4282646684



4289302476



4278212764



4283515238



4293322470



4284900966

Same Dimension

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



4282646684



4284022988



4287758492



4283123535



4282253455



4278648847

Inverse Universe

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



4288413784



4291559539



4278885376



4283385676



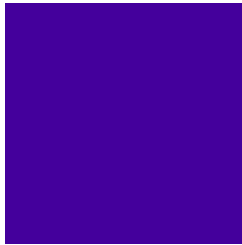
4287561809



4279173129

Previews

White Background



This preview shows how the Android color 4282646684 looks on a white background.

Color Contrast Check

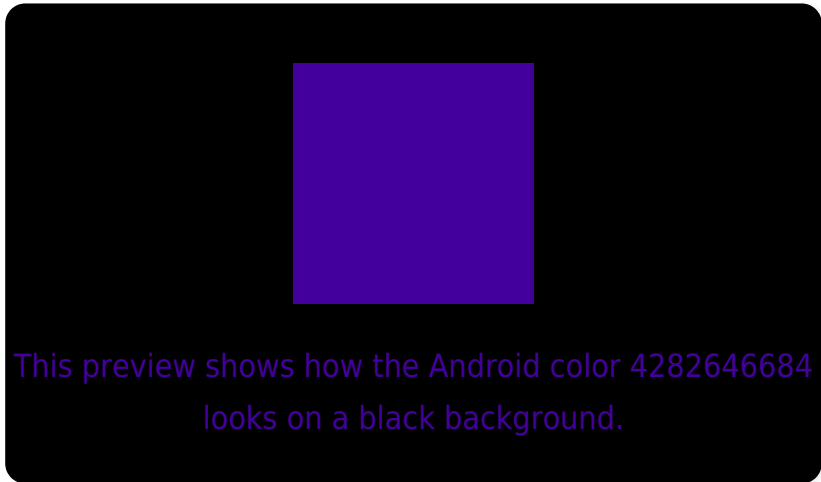
Large Text (above 18pt) WCAG AA ✓ Pass

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

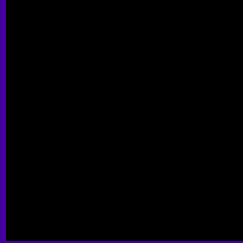
Any Text WCAG AA × Fail

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 4282646684 Background



This preview shows how black text looks on a background with the Android color 4282646684.



This preview shows how white text looks on a background with the Android color 4282646684.

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

4282646684

Protanopia

4278204275

Deuteranopia

4278205026

Trichromacy



Original Color
4282646684

Protanomaly
4279837570

Deuteranomaly
4279838071

Tritanomaly
4281214819

Monochromacy



Original Color
4282646684

Achromatopsia
4280690214

Achromatomaly
4281407569

CSS Examples

Text

The CSS property to change the color of the text to Android 4282646684 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(68, 0, 156)` looks like.

```
.text, #text, p{  
    color:rgb(68, 0, 156)  
}
```

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(68, 0, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 0, 156) }
```

Border

The CSS property to change the border of an element to Android 4282646684 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(68, 0, 156) }
```

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

```
.border{ border-color:rgb(68, 0, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 0, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 0, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 0, 156);  
box-shadow:4px 4px 4px 4px rgb(68, 0, 156)  
}
```

Background

The CSS property to change the background color of an element to Android 4282646684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 0, 156) }
```

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

```
.background{ background-color: rgb(68, 0,  
156) }
```

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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