

Converting Colors

Android(4284678262)

Have a look what the booklet for
Android(4284678262) contains.

Android(4284678262)	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(4284678262)

Conversions

Conversions Part 1

Format	Color
Hex	630076
RGB	99, 0, 118
RGB Percent	39%, 0%, 46%
CMY	0.6118, 1.0000, 0.5373
CMYK	0.16, 1.00, 0.00, 0.54
HSL	290°, 100%, 23%
HSV	290°, 100%, 46%
XYZ	8.4156, 3.9607, 17.4605
YIQ	43.0530, 21.1260, 57.6860

Conversions

Conversions Part 2

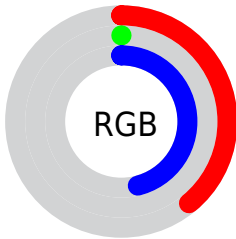
Format	Color
RYB	99, 0, 118
Decimal	6488182
CIELab	23.54, 52.42, -40.48
CIElCh	24, 66.232, 322.320
Yxy	3.9607, 0.2821, 0.1327
Android (android.graphics.Color)	4284678262 (0xFF630076)
YUV	43.0530, 36.9489, 49.0655
Hunter-Lab	19.9014, 40.6540, -38.0871

Details

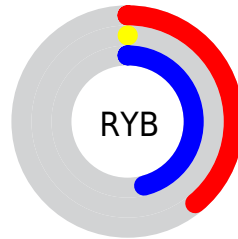
The Android color `4284678262` is a dark color, and the websafe version is hex `660066`. A complement of this color would be `4279465472`, and the grayscale version is `4281019179`.

A 20% lighter version of the original color is `4288233899`, and `4281335877` is the 20% darker color. If you saturate the color by 10%, you get `4284678262`, and if you desaturate by 10%, it is `4284812406`.

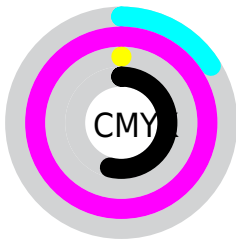
Distribution



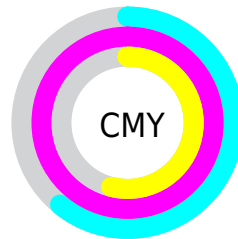
- Red (39%)
- Green (0%)
- Blue (46%)



- Red (39%)
- Yellow (0%)
- Blue (46%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (61%)
- Magenta (100%)
- Yellow (54%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284678262 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 4284678262 by changing the saturation by 10% instead.

 4284678262

 4284678262

4294967295

 4282974301

 4288233899

 4281335877

 4290141127

 4279500846

 4291983075

 4278190360

 4293890559

 4278190080

 4294946303

 4294953471

 4294960895

 4284678262

■ 4284812406

■ 4284946550

■ 4285080438

■ 4285214582

■ 4285283190

■ 4285417334

■ 4285551478

■ 4285685366

■ 4285819510

Harmonies

Analogous

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



4278203030



4284678262



4286840903

Triad

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



4284678262



4283445760



4278209117

Complementary

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



4284678262



4279465472

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.



4278208809



4284678262



4280303616

Square

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



4284678262



4285730816



4278208256



4278209160

Rectangle

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



4284678262



4287168551



4278208256



4278209100

Sweetspot

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



4284678262



4287785881



4278195318



4282921293



4291611852



4283256141

Same Dimension

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



4284678262



4286578841



4285923407



4282004795



4284940410



4291952890

Inverse Universe

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



4285923347



4288217113



4278220327



4282070326



4286185492



4294574120

Previews

White Background



This preview shows how the Android color 4284678262 looks on a white background.

Color Contrast Check

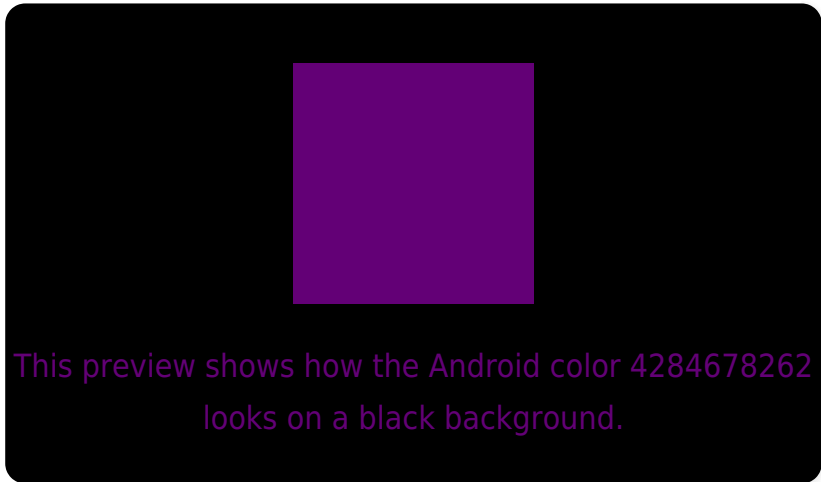
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284678262 Background



This preview shows how black text looks on a background with the Android color 4284678262.



This preview shows how white text looks on a background with the Android color 4284678262.

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
4284678262

Protanopia
4278205050

Deuteranopia
4278205803



Tritanopia
4284100146

Trichromacy



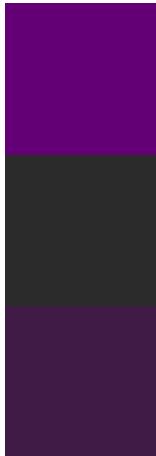
Original Color
4284678262

Protanomaly
4280558969

Deuteranomaly
4280559471

Tritanomaly
4284292427

Monochromacy



Original Color
4284678262

Achromatopsia
4281019179

Achromatomaly
4282325830

CSS Examples

Text

The CSS property to change the color of the text to Android 4284678262 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(99, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 118)  
}
```

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(99, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 118) }
```

Border

The CSS property to change the border of an element to Android 4284678262 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(99, 0, 118) }
```

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

```
.border{ border-color:rgb(99, 0, 118) }
```

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

Here you see how a box with a 4 pixel rgb(99, 0, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(99, 0, 118)  
}
```

Background

The CSS property to change the background color of an element to Android 4284678262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 118) }
```

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

```
.background{ background-color: rgb(99, 0,  
118) }
```

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