

Converting Colors

Android(4282269316)

Have a look what the booklet for
Android(4282269316) contains.

Android(4282269316)	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(4282269316)

Conversions

Conversions Part 1

Format	Color
Hex	3E3E84
RGB	62, 62, 132
RGB Percent	24%, 24%, 52%
CMY	0.7569, 0.7569, 0.4824
CMYK	0.53, 0.53, 0.00, 0.48
HSL	240°, 36%, 38%
HSV	240°, 53%, 52%
XYZ	7.8741, 6.1353, 22.5990
YIQ	69.9800, -22.4700, 21.7700

Conversions

Conversions Part 2

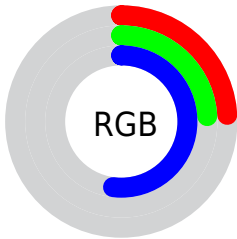
Format	Color
R_{YB}	62, 62, 132
Decimal	4079236
CIE _{Lab}	29.75, 20.76, -39.53
CIE _{LCh}	30, 44.654, 297.708
Yxy	6.1353, 0.2151, 0.1676
Android (android.graphics.Color)	4282269316 (0xFF3E3E84)
YUV	69.9800, 30.5759, -6.9985
Hunter-Lab	24.7696, 13.3972, -36.7557

Details

The Android color `4282269316` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4286874686`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4285755066`, and `4278195282` is the 20% darker color. If you saturate the color by 10%, you get `4281414020`, and if you desaturate by 10%, it is `4283124612`.

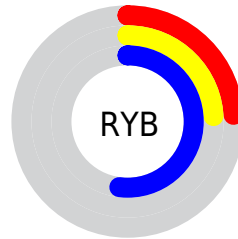
Distribution



Red (24%)

Green (24%)

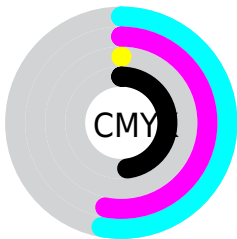
Blue (52%)



Red (24%)

Yellow (24%)

Blue (52%)

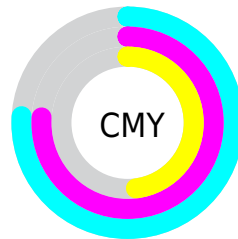


Cyan (53%)

Magenta (53%)

Yellow (0%)

Black (48%)



Cyan (76%)

Magenta (76%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282269316 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 4282269316 by changing the saturation by 10% instead.



4282269316



4282269316

4294967295



4280494186



4285755066



4278195282



4287530966



4278190138



4289307122



4278190628



4291149055



4278190091



4293056767



4278190080



4294964479



4282269316



4282269316



4281414020



4283124612

■ 4280558724

■ 4283979908

■ 4279637636

■ 4284900996

■ 4278782340

■ 4285756292

■ 4278190212

■ 4286611588

■ 4287466884

■ 4288322180

■ 4289243268

■ 4290098564

Harmonies

Analogous

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



4278209420



4282269316



4285344876

Triad

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



4282269316



4285674759



4278211906

Complementary

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



4282269316



4286874686

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.



4278211358



4282269316



4283974656

Square

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



4282269316



4286653736



4281748736



4278211941

Rectangle

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



4282269316



4286325334



4281748736



4278211894

Sweetspot

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



4282269316



4287664299



4282287236



4282795607



4292269782



4283914071

Same Dimension

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



4282269316



4282269355



4284563076



4282137666



4278190210



4278190083

Inverse Universe

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



4286856836



4289412779



4284580926



4282530882



4286709890



4278386691

Previews

White Background



This preview shows how the Android color 4282269316 looks on a white background.

Color Contrast Check

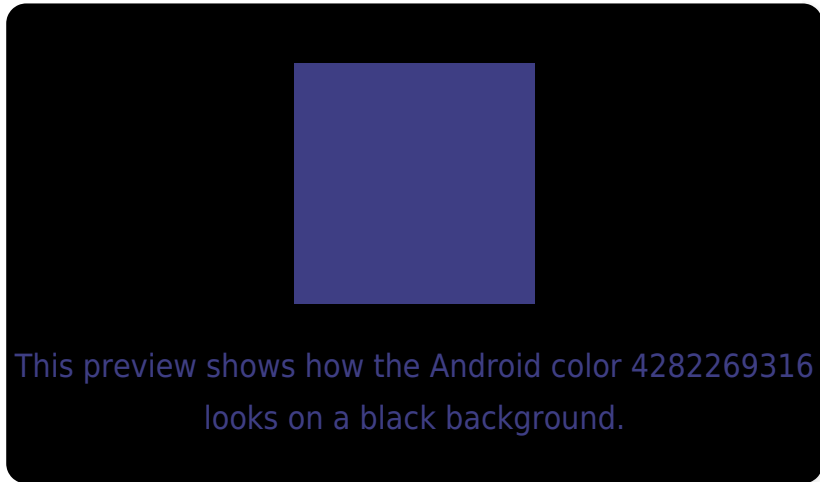
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282269316 Background



This preview shows how black text looks on a background with the Android color 4282269316.



This preview shows how white text looks on a background with the Android color 4282269316.

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
4282269316

Protanopia
4279911562

Deuteranopia
4278208382

Trichromacy



Original Color
4282269316

Protanomaly
4280763016

Deuteranomaly
4279714944

Tritanomaly
4281550436

Monochromacy



Original Color
4282269316

Achromatopsia
4282795590

Achromatomaly
4282598237

CSS Examples

Text

The CSS property to change the color of the text to Android 4282269316 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(62, 62, 132)` looks like.

```
.text, #text, p{  
    color:rgb(62, 62, 132)  
}
```

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(62, 62, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 62, 132) }
```

Border

The CSS property to change the border of an element to Android 4282269316 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(62, 62, 132) }
```

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

```
.border{ border-color:rgb(62, 62, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 62, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 62, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 62, 132);  
box-shadow:4px 4px 4px 4px rgb(62, 62,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4282269316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 62, 132) }
```

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

```
.background{ background-color: rgb(62, 62,  
132) }
```

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