

Converting Colors

Android(4281416977)

Have a look what the booklet for
Android(4281416977) contains.

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Color

Android(4281416977)

Conversions

Conversions Part 1

Format	Color
Hex	313D11
RGB	49, 61, 17
RGB Percent	19%, 24%, 7%
CMY	0.8078, 0.7608, 0.9333
CMYK	0.20, 0.00, 0.72, 0.76
HSL	76°, 56%, 15%
HSV	76°, 72%, 24%
XYZ	3.0365, 4.0309, 1.1483
YIQ	52.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

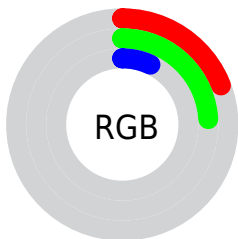
Format	Color
RYB	17, 61, 29
Decimal	3226897
CIELab	23.77, -12.78, 24.72
CIElCh	24, 27.826, 117.349
Yxy	4.0309, 0.3696, 0.4906
Android (android.graphics.Color)	4281416977 (0xFF313D11)
YUV	52.3960, -17.4502, -2.9783
Hunter-Lab	20.0772, -8.1381, 10.6629

Details

The Android color **4281416977** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4280095037**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4284574782**, and **4278195200** is the 20% darker color. If you saturate the color by 10%, you get **4281285899**, and if you desaturate by 10%, it is **4281548055**.

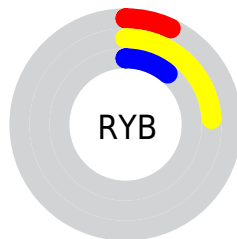
Distribution



Red (19%)

Green (24%)

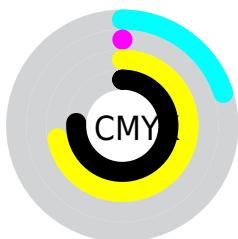
Blue (7%)



Red (7%)

Yellow (24%)

Blue (11%)

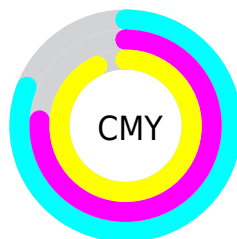


Cyan (20%)

Magenta (0%)

Yellow (72%)

Black (76%)



Cyan (81%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281416977 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 4281416977 by changing the saturation by 10% instead.



4281416977



4281416977



4294967286



4280100608



4284574782



4278195200



4286219861



4278190080



4287930478



4289706887



4291549090



4293391293



4294967257



4281416977



4281416977

■ 4281285899

■ 4281548055

■ 4281220357

■ 4281613597

■ 4281089280

■ 4281744675

■ 4281875753

■ 4281941296

■ 4282072374

■ 4282203452

■ 4282268994

■ 4282400072

Harmonies

Analogous

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



4282791692



4281416977



4279583009

Triad

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



4281416977



4278206555



4284294715

Complementary

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



4281416977



4280095037

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.



4283444047



4281416977



4278205282

Square

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



4281416977



4278207307



4281742430



4284360743

Rectangle

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



4281416977



4278207023



4281742430



4284098370

Sweetspot

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



4281416977



4283060030



4282195217



4280690974



4289243304



4280887593

Same Dimension

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



4281416977



4282142474



4279975185



4280164124



4282736128



4288798208

Inverse Universe

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



4280095037



4280093263



4281536829



4280032287



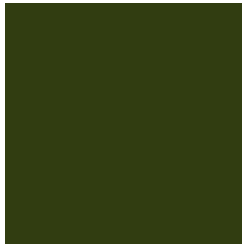
4279894110



4282187998

Previews

White Background



This preview shows how the Android color 4281416977 looks on a white background.

Color Contrast Check

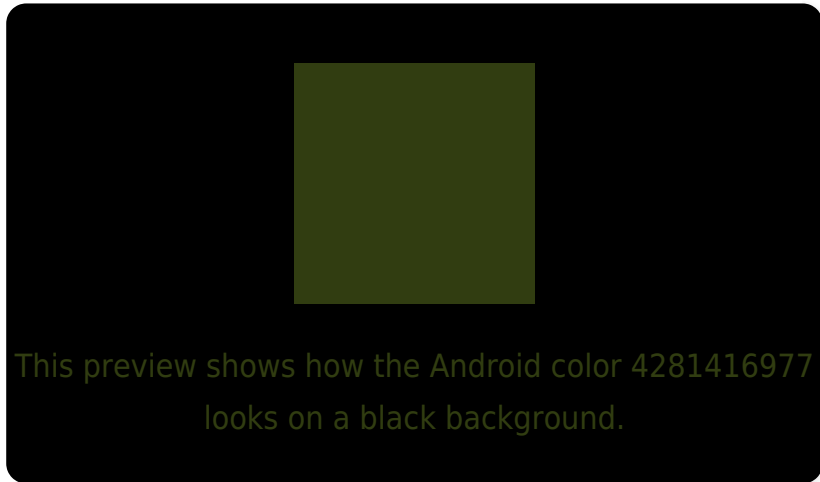
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281416977 Background



This preview shows how black text looks on a background with the Android color 4281416977.



This preview shows how white text looks on a background with the Android color 4281416977.

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](#).

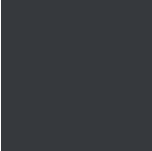
Dichromacy



Original Color
4281416977

Protanopia
4282333456

Deuteranopia
4282856980



Tritanopia
4281743677

Trichromacy



Original Color

4281416977

Protanomaly

4282006032

Deuteranomaly

4282333459

Tritanomaly

4281612845

Monochromacy



Original Color

4281416977

Achromatopsia

4281611316

Achromatomaly

4281546535

CSS Examples

Text

The CSS property to change the color of the text to Android 4281416977 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, 61, 17)` looks like.

```
.text, #text, p{  
    color:rgb(49, 61, 17)  
}
```

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, 61, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 61, 17) }
```

Border

The CSS property to change the border of an element to Android 4281416977 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, 61, 17) }
```

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

```
.border{ border-color:rgb(49, 61, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 61, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 61, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 61, 17);  
box-shadow:4px 4px 4px 4px rgb(49, 61, 17)  
}
```

Background

The CSS property to change the background color of an element to Android 4281416977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 61, 17) }
```

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

```
.background{ background-color: rgb(49, 61,  
17) }
```

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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