

Converting Colors

Android(4278333114)

Have a look what the booklet for
Android(4278333114) contains.

Android(4278333114)	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>	28

Color

Android(4278333114)

Conversions

Conversions Part 1

Format	Color
Hex	022EBA
RGB	2, 46, 186
RGB Percent	1%, 18%, 73%
CMY	0.9922, 0.8196, 0.2706
CMYK	0.99, 0.75, 0.00, 0.27
HSL	226°, 98%, 37%
HSV	226°, 99%, 73%
XYZ	9.8650, 5.5121, 46.9984
YIQ	48.8040, -71.1640, 34.2120

Conversions

Conversions Part 2

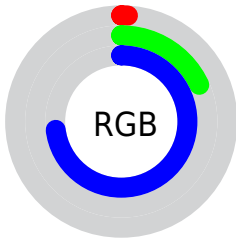
Format	Color
R _Y B	2, 38, 186
Decimal	143034
CIE Lab	28.15, 44.69, -75.03
CIE LCh	28, 87.334, 300.777
Yxy	5.5121, 0.1582, 0.0884
Android (android.graphics.Color)	4278333114 (0xFF022EBA)
YUV	48.8040, 67.6376, -41.0471
Hunter-Lab	23.4778, 33.9164, -102.2536

Details

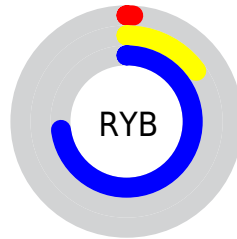
The Android color `4278333114` is a dark color, and the websafe version is hex `0033CC`. A complement of this color would be `4290416130`, and the grayscale version is `4281348144`.

A 20% lighter version of the original color is `4284636659`, and `4278191491` is the 20% darker color. If you saturate the color by 10%, you get `4278201530`, and if you desaturate by 10%, it is `4279581882`.

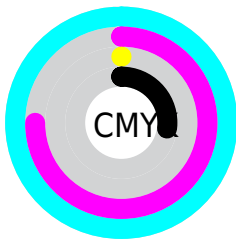
Distribution



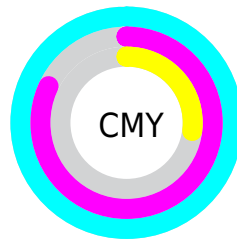
- Red (1%)
- Green (18%)
- Blue (73%)



- Red (1%)
- Yellow (15%)
- Blue (73%)



- Cyan (99%)
- Magenta (75%)
- Yellow (0%)
- Black (27%)



- Cyan (99%)
- Magenta (82%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278333114 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 4278333114 by changing the saturation by 10% instead.

 4278333114

 4278333114

4294967295

 4278196382

 4284636659

 4278191491

 4286740223

 4278190185

 4288778495

 4278192720

 4290751487

 4278191416

 4292790015

 4278190626

 4294828799

 4278190087

 4278190080

 4278333114

 4278333114

■ 4278201530

■ 4279581882

■ 4280765114

■ 4282013882

■ 4283197370

■ 4284446138

■ 4285694906

■ 4286878138

■ 4288126906

■ 4289310138

Harmonies

Analogous

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



4278210254



4278333114



4287430790

Triad

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



4278333114



4286781952



4278212675

Complementary

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



4278333114



4290416130

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.



4278212096



4278333114



4283515136

Square

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



4278333114



4289003520



4278210560



4278213255

Rectangle

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



4278333114



4289134682



4278210560



4278212395

Sweetspot

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



4278333114



4289379314



4278368908



4283324794



4294638330



4286216826

Same Dimension

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



4278333114



4278205170



4281336506



4283651420



4278199708



4278191900

Inverse Universe

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



4290380334



4294049850



4287412738



4284240725



4288413733



4280025095

Previews

White Background



This preview shows how the Android color 4278333114 looks on a white background.

Color Contrast Check

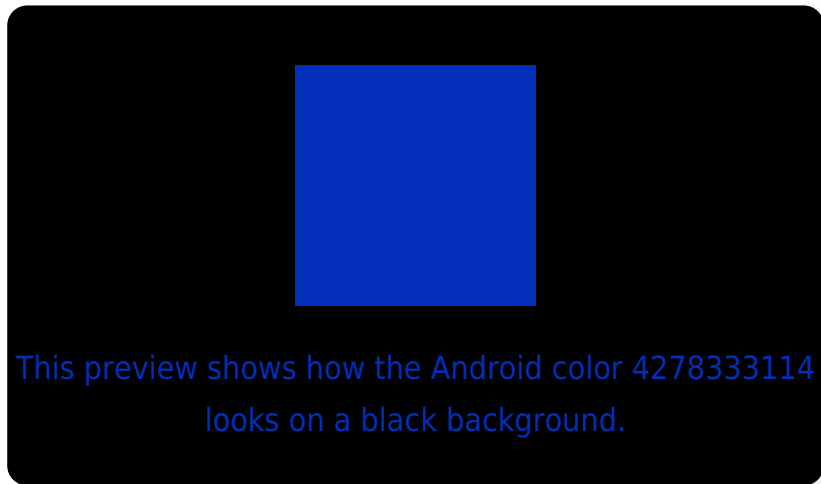
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278333114 Background



This preview shows how black text looks on a background with the Android color 4278333114.



This preview shows how white text looks on a background with the Android color 4278333114.

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

4278333114

Protanopia

4278206599

Deuteranopia

4278207859

Trichromacy



Original Color
4278333114

Protanomaly
4278270362

Deuteranomaly
4278271373

Monochromacy



Original Color
4278333114

Achromatopsia
4281413937

Achromatomaly
4280299619

CSS Examples

Text

The CSS property to change the color of the text to Android 4278333114 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(2, 46, 186)` looks like.

```
.text, #text, p{  
    color:rgb(2, 46, 186)  
}
```

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(2, 46, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 46, 186) }
```

Border

The CSS property to change the border of an element to Android 4278333114 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(2, 46, 186) }
```

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

```
.border{ border-color:rgb(2, 46, 186) }
```

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

Here you see how a box with a 4 pixel rgb(2, 46, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 46, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 46, 186);  
box-shadow:4px 4px 4px 4px rgb(2, 46, 186)  
}
```

Background

The CSS property to change the background color of an element to Android 4278333114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 46, 186) }
```

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

```
.background{ background-color: rgb(2, 46,  
186) }
```

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