

Converting Colors

Android(4279668441)

Have a look what the booklet for
Android(4279668441) contains.

Android(4279668441)	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(4279668441)

Conversions

Conversions Part 1

Format	Color
Hex	168ED9
RGB	22, 142, 217
RGB Percent	9%, 56%, 85%
CMY	0.9137, 0.4431, 0.1490
CMYK	0.90, 0.35, 0.00, 0.15
HSL	203°, 82%, 47%
HSV	203°, 90%, 85%
XYZ	22.5283, 24.5263, 69.1923
YIQ	114.6700, -95.5950, -2.1150

Conversions

Conversions Part 2

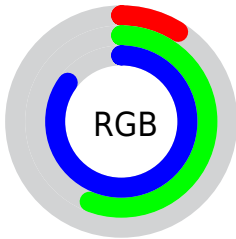
Format	Color
R_{YB}	22, 96, 217
Decimal	1478361
CIE _{Lab}	56.61, -3.55, -46.76
CIE _{LCh}	57, 46.890, 265.664
Yxy	24.5263, 0.1938, 0.2110
Android (android.graphics.Color)	4279668441 (0xFF168ED9)
YUV	114.6700, 50.4487, -81.2716
Hunter-Lab	49.5241, -5.4683, -48.1699

Details

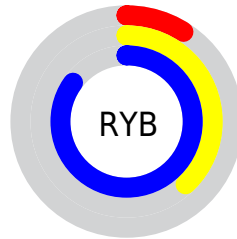
The Android color `4279668441` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4292436246`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4285252607`, and `4278213794` is the 20% darker color. If you saturate the color by 10%, you get `4278224601`, and if you desaturate by 10%, it is `4281112281`.

Distribution



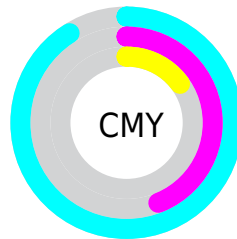
- Red (9%)
- Green (56%)
- Blue (85%)



- Red (9%)
- Yellow (38%)
- Blue (85%)



- Cyan (90%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (91%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279668441 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 4279668441 by changing the saturation by 10% instead.

 4279668441

 4279668441

4294967295

 4278220221

 4285252607

 4278213794

 4287356927

 4278207879

 4289395967

 4278202221

 4291428351

 4278197332

 4293394431

 4278191677

 4278190886

 4278190351

 4278190080

■ 4279668441

■ 4279668441

■ 4278224601

■ 4281112281

■ 4282490841

■ 4283934681

■ 4285378521

■ 4286822617

■ 4288200921

■ 4289644761

■ 4291088857

■ 4292467161

Harmonies

Analogous

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



4278228938



4279668441



4286611410

Triad

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



4279668441



4292044647



4283013208

Complementary

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



4279668441



4292436246

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.



4286353466



4279668441



4290999365

Square

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



4279668441



4291782031



4288971827



4278230144

Rectangle

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



4279668441



4289098945



4288971827



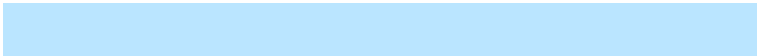
4284257868

Sweetspot

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



4279668441



4290438655



4279687521



4283920512



4278190080



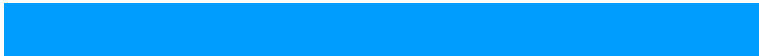
4286611584

Same Dimension

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



4279668441



4278230527



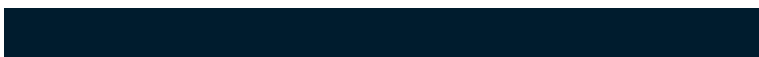
4279643609



4284705134



4278217645



4278197294

Inverse Universe

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



4292417166



4294901917



4292461078



4285424489



4289527915



4281204764

Previews

White Background



This preview shows how the Android color 4279668441 looks on a white background.

Color Contrast Check

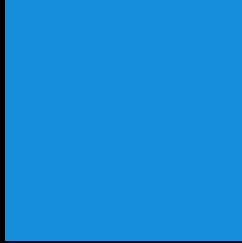
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4279668441 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4279668441 Background



This preview shows how black text looks on a background with the Android color 4279668441.



This preview shows how white text looks on a background with the Android color 4279668441.

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



Trichromacy



Original Color
4279668441

Protanomaly
4283205844

Deuteranomaly
4282223322

Tritanomaly
4278752181

Monochromacy



Original Color
4279668441

Achromatopsia
4285756275

Achromatomaly
4283530648

CSS Examples

Text

The CSS property to change the color of the text to Android 4279668441 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(22, 142, 217)` looks like.

```
.text, #text, p{  
    color:rgb(22, 142, 217)  
}
```

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(22, 142, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 142, 217) }
```

Border

The CSS property to change the border of an element to Android 4279668441 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(22, 142, 217) }
```

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

```
.border{ border-color:rgb(22, 142, 217) }
```

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

Here you see how a box with a 4 pixel rgb(22, 142, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 142, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 142, 217);  
box-shadow:4px 4px 4px 4px rgb(22, 142,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4279668441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 142, 217) }
```

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

```
.background{ background-color: rgb(22, 142,  
217) }
```

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