

Converting Colors

Android(4279464368)

Have a look what the booklet for
Android(4279464368) contains.

Android(4279464368)	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(4279464368)

Conversions

Conversions Part 1

Format	Color
Hex	1371B0
RGB	19, 113, 176
RGB Percent	7%, 44%, 69%
CMY	0.9255, 0.5569, 0.3098
CMYK	0.89, 0.36, 0.00, 0.31
HSL	204°, 81%, 38%
HSV	204°, 89%, 69%
XYZ	14.0102, 15.0833, 43.2472
YIQ	92.0760, -76.2470, -0.3350

Conversions

Conversions Part 2

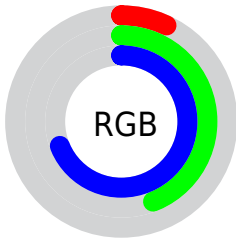
Format	Color
RYB	19, 78, 176
Decimal	1274288
CIELab	45.75, -2.03, -40.55
CIELCh	46, 40.604, 267.130
Yxy	15.0833, 0.1937, 0.2085
Android (android.graphics.Color)	4279464368 (0xFF1371B0)
YUV	92.0760, 41.3745, -64.0877
Hunter-Lab	38.8372, -3.5729, -38.8364

Details

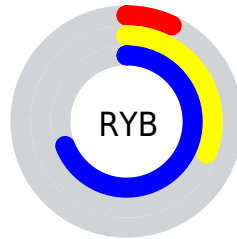
The Android color `4279464368` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289745427`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284523752`, and `4278207099` is the 20% darker color. If you saturate the color by 10%, you get `4278282928`, and if you desaturate by 10%, it is `4280645808`.

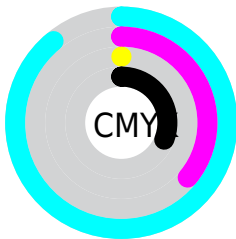
Distribution



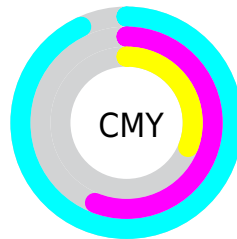
- Red (7%)
- Green (44%)
- Blue (69%)



- Red (7%)
- Yellow (31%)
- Blue (69%)



- Cyan (89%)
- Magenta (36%)
- Yellow (0%)
- Black (31%)



- Cyan (93%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279464368 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 4279464368 by changing the saturation by 10% instead.

 4279464368

 4279464368

4294967295

 4278213013

 4284523752

 4278207099

 4286496767

 4278201442

 4288404479

 4278196297

 4290377983

 4278191154

 4292345855

 4278190620

 4294311935

 4278190080

 4279464368

 4279464368

 4278282928

 4280645808

■ 4278217136

■ 4281761712

■ 4282943152

■ 4284059056

■ 4285240496

■ 4286421936

■ 4287537840

■ 4288719280

■ 4289835440

Harmonies

Analogous

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



4278221221



4279464368



4285031849

Triad

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



4279464368



4289352015



4281694790

Complementary

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



4279464368



4289745427

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.



4284576556



4279464368



4288437556

Square

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



4279464368



4289220465



4286736677



4278222184

Rectangle

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



4279464368



4287060891



4286736677



4282808380

Sweetspot

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



4279464368



4289252838



4279480402



4283327603



4294111986



4285756275

Same Dimension

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



4279464368



4278225382



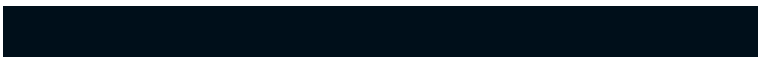
4279444400



4283455065



4278213785



4278193946

Inverse Universe

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



4289729393



4293263497



4289765395



4284043350



4288217180



4279894031

Previews

White Background



This preview shows how the Android color 4279464368 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 × Fail

Black Background



This preview shows how the Android color 4279464368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

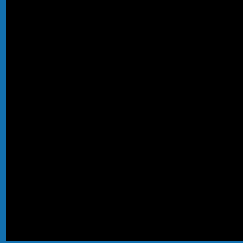
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Android 4279464368 Background



This preview shows how black text looks on a background with the Android color 4279464368.



This preview shows how white text looks on a background with the Android color 4279464368.

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
4279464368

Protanomaly
4282150316

Deuteranomaly
4281364145

Tritanomaly
4278678930

Monochromacy



Original Color
4279464368

Achromatopsia
4284243036

Achromatomaly
4282475643

CSS Examples

Text

The CSS property to change the color of the text to Android 4279464368 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(19, 113, 176)` looks like.

```
.text, #text, p{  
    color:rgb(19, 113, 176)  
}
```

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(19, 113, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 113, 176) }
```

Border

The CSS property to change the border of an element to Android 4279464368 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(19, 113, 176) }
```

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

```
.border{ border-color:rgb(19, 113, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 113, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 113, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 113, 176);  
box-shadow:4px 4px 4px 4px rgb(19, 113,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4279464368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 113, 176) }
```

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

```
.background{ background-color: rgb(19, 113,  
176) }
```

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