

# Converting Colors

Android(4279733457)

Have a look what the booklet for  
Android(4279733457) contains.

<b>Android(4279733457)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4279733457)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	178CD1
RGB	23, 140, 209
RGB Percent	9%, 55%, 82%
CMY	0.9098, 0.4510, 0.1804
CMYK	0.89, 0.33, 0.00, 0.18
HSL	202°, 80%, 45%
HSV	202°, 89%, 82%
XYZ	21.2401, 23.5418, 63.7461
YIQ	112.8830, -91.8810, -3.3450

# Conversions

## Conversions Part 2

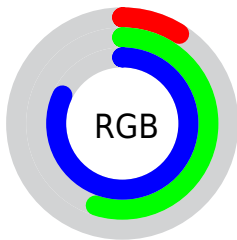
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 95, 209
Decimal	1543377
CIE <sub>Lab</sub>	55.63, -5.31, -43.82
CIE <sub>LCh</sub>	56, 44.140, 263.085
Yxy	23.5418, 0.1957, 0.2169
Android (android.graphics.Color)	4279733457 (0xFF178CD1)
YUV	112.8830, 47.3857, -78.8274
Hunter-Lab	48.5199, -6.7696, -43.9322

# Details

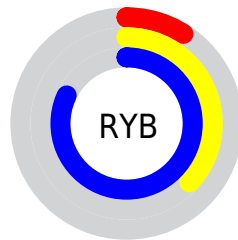
The Android color `4279733457` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4291910679`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4285121023`, and `4278213274` is the 20% darker color. If you saturate the color by 10%, you get `4278355153`, and if you desaturate by 10%, it is `4281111761`.

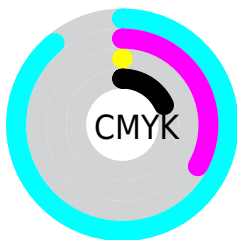
# Distribution



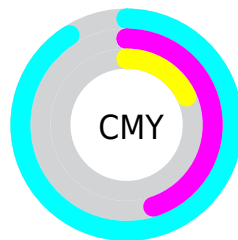
- Red (9%)
- Green (55%)
- Blue (82%)



- Red (9%)
- Yellow (37%)
- Blue (82%)



- Cyan (89%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)



- Cyan (91%)
- Magenta (45%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279733457 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 4279733457 by changing the saturation by 10% instead.



 4279733457

 4279733457

4294967295

 4278219701

 4285121023

 4278213274

 4287225343

 4278207360

 4289264383

 4278201958

 4291231743

 4278196814

 4293263359

 4278191414

 4278190624

 4278190084

 4278190080

■ 4279733457

■ 4279733457

■ 4278355153

■ 4281111761

■ 4278223825

■ 4282490065

■ 4283868113

■ 4285246417

■ 4286624721

■ 4287937489

■ 4289315537

■ 4290693841

■ 4292072145

# Harmonies

## Analogous

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



4278228418



4279733457



4286152652

# Triad

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



4279733457



4291651433



4283470933

# Complementary

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



4279733457



4291910679

# 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.



4286483515



4279733457



4290736713

# Square

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



4279733457



4291257744



4288905271



4278229115

# Rectangle

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



4279733457



4288574653



4288905271



4284584523

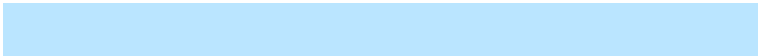


# Sweetspot

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



4279733457



4290438655



4279751003



4283920512



4278190080



4286611584



# Same Dimension

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



4279733457



4278231295



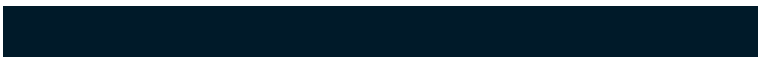
4279709905



4284376425



4278217384



4278196777



# Inverse Universe

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



4291893132



4294901920



4291934231



4285095525



4289200234



4280877082



# Previews

## White Background



This preview shows how the Android color 4279733457 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 4279733457 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

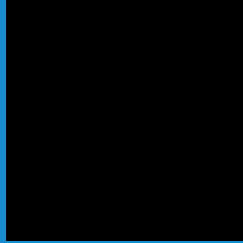
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4279733457 Background



This preview shows how black text looks on a background with the Android color 4279733457.



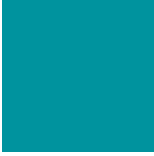
This preview shows how white text looks on a background with the Android color 4279733457.

# 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**  
4279733457

**Protanomaly**  
4283270859

**Deuteranomaly**  
4282419410

**Tritanomaly**  
4278751409

# Monochromacy



**Original Color**  
4279733457

**Achromatopsia**  
4285624689

**Achromatomaly**  
4283464596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279733457 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(23, 140, 209)` looks like.

```
.text, #text, p{  
    color:rgb(23, 140, 209)  
}
```

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(23, 140, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 140, 209) }
```

## Border

The CSS property to change the border of an element to Android 4279733457 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(23, 140, 209) }
```

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

```
.border{ border-color:rgb(23, 140, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 140, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 140, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 140, 209);  
box-shadow:4px 4px 4px 4px rgb(23, 140,  
209) }
```

# Background

The CSS property to change the background color of an element to Android 4279733457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 140, 209) }
```

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

```
.background{ background-color: rgb(23, 140,  
209) }
```

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