

# Converting Colors

Android(4279671742)

Have a look what the booklet for  
Android(4279671742) contains.

<b>Android(4279671742)</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(4279671742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	169BBE
RGB	22, 155, 190
RGB Percent	9%, 61%, 75%
CMY	0.9137, 0.3922, 0.2549
CMYK	0.88, 0.18, 0.00, 0.25
HSL	192°, 79%, 42%
HSV	192°, 88%, 75%
XYZ	21.3465, 27.3310, 52.8655
YIQ	119.2230, -90.5030, -17.3110

# Conversions

## Conversions Part 2

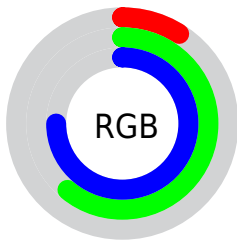
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 96, 190
Decimal	1481662
CIE <sub>Lab</sub>	59.28, -20.56, -27.40
CIE <sub>LCh</sub>	59, 34.254, 233.124
Yxy	27.3310, 0.2102, 0.2692
Android (android.graphics.Color)	4279671742 (0xFF169BBE)
YUV	119.2230, 34.8931, -85.2646
Hunter-Lab	52.2790, -18.6035, -23.3598

# Details

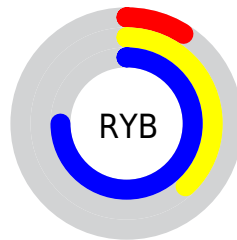
The Android color `4279671742` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4290656534`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4284928758`, and `4278216840` is the 20% darker color. If you saturate the color by 10%, you get `4278425534`, and if you desaturate by 10%, it is `4280917950`.

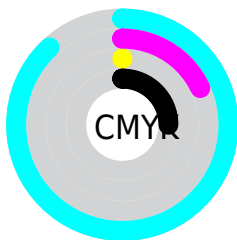
# Distribution



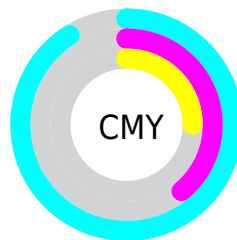
- Red (9%)
- Green (61%)
- Blue (75%)



- Red (9%)
- Yellow (38%)
- Blue (75%)



- Cyan (88%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)



- Cyan (91%)
- Magenta (39%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279671742 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 4279671742 by changing the saturation by 10% instead.



 4279671742

 4279671742

4294967295

 4278223267

 4284928758

 4278216840

 4286967551

 4278210415

 4289003519

 4278204502

 4290969599

 4278199103

 4292935679

 4278190889

 4278190355

 4278190080

 4279671742

 4279671742

■ 4278425534

■ 4280917950

■ 4278228670

■ 4282164158

■ 4283410366

■ 4284656574

■ 4285902782

■ 4287148990

■ 4288395198

■ 4289641406

■ 4290887614

# Harmonies

## Analogous

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



4278230693



4279671742



4283798730

# Triad

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



4279671742



4291066007



4287337558

# Complementary

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



4279671742



4290656534

# 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.



4289301331



4279671742



4291393657

# Square

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



4279671742



4289626035



4290740320



4285045610

# Rectangle

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



4279671742



4286090697



4290740320



4287992147

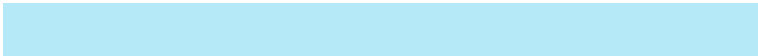


# Sweetspot

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



4279671742



4290111991



4279680568



4283790717



4294769916



4286414205



# Same Dimension

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



4279671742



4278240503



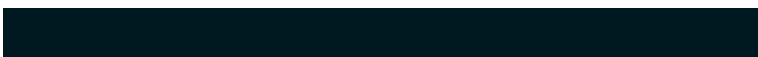
4279650494



4283784286



4278222238



4278196255



# Inverse Universe

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



4290647707



4294377668



4290677782



4284372316



4288544893



4280221720



# Previews

## White Background



This preview shows how the Android color 4279671742 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 4279671742 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

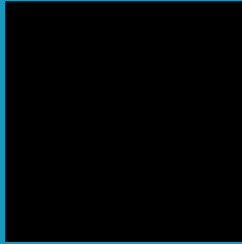
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4279671742 Background



This preview shows how black text looks on a background with the Android color 4279671742.



This preview shows how white text looks on a background with the Android color 4279671742.

# 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**

4279671742



**Protanomaly**

4284256695



**Deuteranomaly**

4283994560



**Tritanomaly**

4278754737

# Monochromacy



**Original Color**

4279671742



**Achromatopsia**

4286019447



**Achromatomaly**

4283729041

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279671742 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, 155, 190)` looks like.

```
.text, #text, p{  
    color:rgb(22, 155, 190)  
}
```

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, 155, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 155, 190) }
```

## Border

The CSS property to change the border of an element to Android 4279671742 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, 155, 190) }
```

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

```
.border{ border-color:rgb(22, 155, 190) }
```

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

Here you see how a box with a 4 pixel rgb(22, 155, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 155, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 155, 190);  
box-shadow:4px 4px 4px 4px rgb(22, 155,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4279671742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 155, 190) }
```

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

```
.background{ background-color: rgb(22, 155,  
190) }
```

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