

# Converting Colors

Android(4279857566)

Have a look what the booklet for  
Android(4279857566) contains.

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# Color

**Android(4279857566)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	19719E
RGB	25, 113, 158
RGB Percent	10%, 44%, 62%
CMY	0.9020, 0.5569, 0.3804
CMYK	0.84, 0.28, 0.00, 0.38
HSL	200°, 73%, 36%
HSV	200°, 84%, 62%
XYZ	12.4776, 14.4855, 34.4861
YIQ	91.8180, -66.8930, -4.6610

# Conversions

## Conversions Part 2

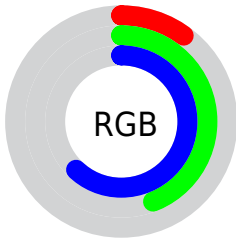
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 78, 158
Decimal	1667486
CIE <sub>Lab</sub>	44.92, -8.47, -31.29
CIE <sub>LCh</sub>	45, 32.420, 254.846
Y <sub>xy</sub>	14.4855, 0.2031, 0.2357
Android (android.graphics.Color)	4279857566 (0xFF19719E)
YUV	91.8180, 32.6277, -58.5994
Hunter-Lab	38.0599, -8.0852, -27.0808

# Details

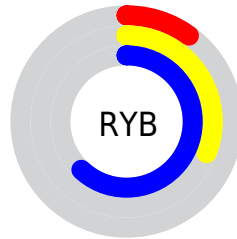
The Android color `4279857566` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288562713`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284392917`, and `4278206826` is the 20% darker color. If you saturate the color by 10%, you get `4278807710`, and if you desaturate by 10%, it is `4280907422`.

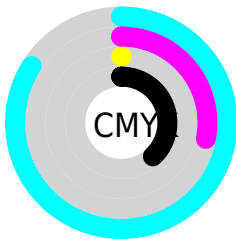
# Distribution



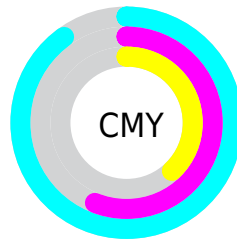
- Red (10%)
- Green (44%)
- Blue (62%)



- Red (10%)
- Yellow (31%)
- Blue (62%)



- Cyan (84%)
- Magenta (28%)
- Yellow (0%)
- Black (38%)



- Cyan (90%)
- Magenta (56%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279857566 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 4279857566 by changing the saturation by 10% instead.



 4279857566

 4279857566

4294967295

 4278212996

 4284392917

 4278206826

 4286300401

 4278201170

 4288208127

 4278196283

 4290115839

 4278190629

 4292018175

 4278190349

 4293984255

 4278190080

 4279857566

 4279857566

 4278807710

 4280907422

■ 4278217118

■ 4281957534

■ 4282941854

■ 4283991710

■ 4285041822

■ 4286091678

■ 4287141534

■ 4288126110

■ 4289175966

# Harmonies

## Analogous

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



4278220432



4279857566



4283918494

# Triad

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



4279857566



4288566622



4283462723

# Complementary

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



4279857566



4288562713

# 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.



4285426997



4279857566



4288174661

# Square

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



4279857566



4288042617



4287063094



4280842075

# Rectangle

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



4279857566



4285751959



4287063094



4284117565



# Sweetspot

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



4279857566



4288396751



4279868997



4282998377



4293454056



4285098345



# Same Dimension

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



4279857566



4278225359



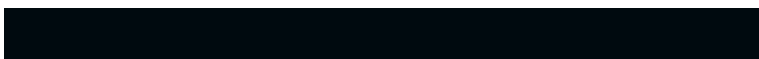
4279840670



4282862671



4278214287



4278192655



# Inverse Universe

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



4288551281



4291756169



4288579609



4283385676



4287561822



4279173130



# Previews

## White Background



This preview shows how the Android color 4279857566 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 4279857566 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 4279857566 Background



This preview shows how black text looks on a background with the Android color 4279857566.



This preview shows how white text looks on a background with the Android color 4279857566.

# 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**  
4279857566

**Protanomaly**  
4282608538

**Deuteranomaly**  
4282150047

**Tritanomaly**  
4278809738

# Monochromacy



**Original Color**  
4279857566

**Achromatopsia**  
4284243036

**Achromatomaly**  
4282672244

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279857566 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(25, 113, 158)` looks like.

```
.text, #text, p{  
    color:rgb(25, 113, 158)  
}
```

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(25, 113, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 113, 158) }
```

## Border

The CSS property to change the border of an element to Android 4279857566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

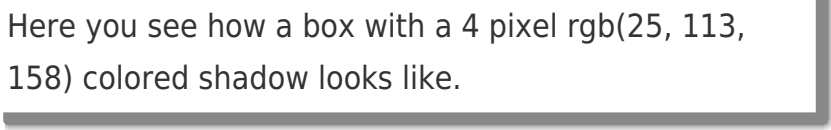
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(25, 113, 158) }
```

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

```
.border{ border-color:rgb(25, 113, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(25, 113, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 113, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 113, 158);  
box-shadow:4px 4px 4px 4px rgb(25, 113,  
158) }
```

# Background

The CSS property to change the background color of an element to Android 4279857566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 113, 158) }
```

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

```
.background{ background-color: rgb(25, 113,  
158) }
```

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](#).



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