

# Converting Colors

Android(4279456595)

Have a look what the booklet for  
Android(4279456595) contains.

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# Color

**Android(4279456595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	135353
RGB	19, 83, 83
RGB Percent	7%, 33%, 33%
CMY	0.9255, 0.6745, 0.6745
CMYK	0.77, 0.00, 0.00, 0.67
HSL	180°, 63%, 20%
HSV	180°, 77%, 33%
XYZ	4.9231, 6.9495, 9.2655
YIQ	63.8640, -38.1440, -13.5680

# Conversions

## Conversions Part 2

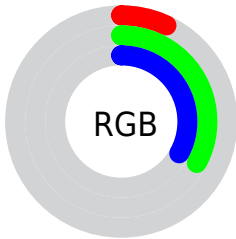
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 51, 83
Decimal	1266515
CIE <sub>Lab</sub>	31.69, -19.19, -5.74
CIE <sub>LCh</sub>	32, 20.026, 196.664
Yxy	6.9495, 0.2329, 0.3288
Android (android.graphics.Color)	4279456595 (0xFF135353)
YUV	63.8640, 9.4340, -39.3457
Hunter-Lab	26.3619, -12.7980, -2.3856

# Details

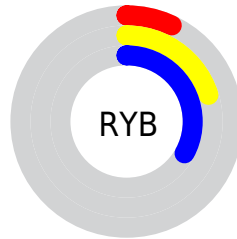
The Android color `4279456595` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4283634451`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4283073924`, and `4278199846` is the 20% darker color. If you saturate the color by 10%, you get `4278932307`, and if you desaturate by 10%, it is `4279980883`.

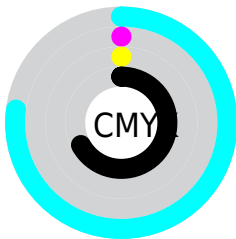
# Distribution



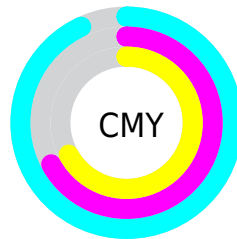
- Red (7%)
- Green (33%)
- Blue (33%)



- Red (7%)
- Yellow (20%)
- Blue (33%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (67%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279456595 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 4279456595 by changing the saturation by 10% instead.



 4279456595

 4279456595

4294967295

 4278205500

 4283073924

 4278199846

 4284784542

 4278193170

 4286560953

 4278190080

 4288337621

 4290179825

 4292018175

 4293918719

 4279456595

 4279456595

■ 4278932307

■ 4279980883

■ 4278342483

■ 4280570707

■ 4278211411

■ 4281094995

■ 4281619283

■ 4282209107

■ 4282733395

■ 4283257683

■ 4283781971

■ 4284371795

# Harmonies

## Analogous

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



4280767299



4279456595



4279325281

# Triad

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



4279456595



4283908960



4284172076

# Complementary

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



4279456595



4283634451

# 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.



4284891700



4279456595



4284825426

# Square

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



4279456595



4282534249



4285087554



4283190316

# Rectangle

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



4279456595



4280307815



4285087554



4284433710



# Sweetspot

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



4279456595



4283591531



4279456531



4280759862



4290098613



4281742902



# Same Dimension

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



4279456595



4278676331



4279448403



4280625449



4278217065



4278249704



# Inverse Universe

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



4283634515



4285204331



4283642643



4280886569



4285071465



4293394664



# Previews

## White Background



This preview shows how the Android color 4279456595 looks on a white background.

## Color Contrast Check

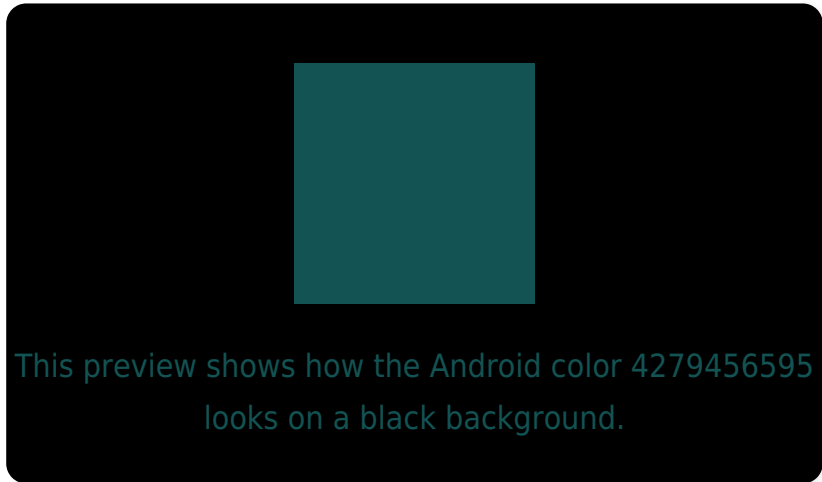
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4279456595 Background



This preview shows how black text looks on a background with the Android color 4279456595.



This preview shows how white text looks on a background with the Android color 4279456595.

# 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



**Original Color**

4279456595

**Protanopia**

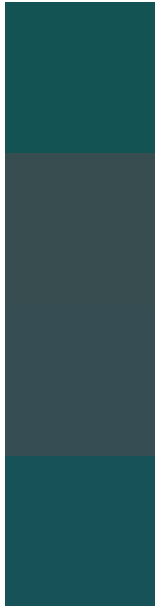
4283124301

**Deuteranopia**

4283189589



# Trichromacy



**Original Color**

4279456595

**Protanomaly**

4281814351

**Deuteranomaly**

4281814356

**Tritanomaly**

4279652951

# Monochromacy



**Original Color**

4279456595

**Achromatopsia**

4282400832

**Achromatomaly**

4281354055

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279456595 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, 83, 83)` looks like.

```
.text, #text, p{  
    color:rgb(19, 83, 83)  
}
```

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, 83, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 83, 83) }
```

## Border

The CSS property to change the border of an element to Android 4279456595 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, 83, 83) }
```

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

```
.border{ border-color:rgb(19, 83, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 83, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 83, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 83, 83);  
box-shadow:4px 4px 4px 4px rgb(19, 83, 83)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279456595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 83, 83) }
```

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

```
.background{ background-color: rgb(19, 83,  
83) }
```

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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