

Converting Colors

Android(4279451509)

Have a look what the booklet for
Android(4279451509) contains.

Android(4279451509)	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(4279451509)

Conversions

Conversions Part 1

Format	Color
Hex	133F75
RGB	19, 63, 117
RGB Percent	7%, 25%, 46%
CMY	0.9255, 0.7529, 0.5412
CMYK	0.84, 0.46, 0.00, 0.54
HSL	213°, 72%, 27%
HSV	213°, 84%, 46%
XYZ	5.2570, 4.9778, 17.5134
YIQ	56.0000, -43.5580, 7.4660

Conversions

Conversions Part 2

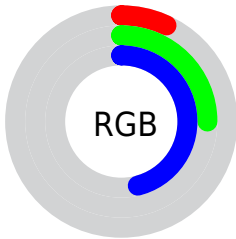
Format	Color
R_{YB}	19, 49, 117
Decimal	1261429
CIE _{Lab}	26.67, 6.57, -35.20
CIE _{LCh}	27, 35.805, 280.580
Yxy	4.9778, 0.1895, 0.1794
Android (android.graphics.Color)	4279451509 (0xFF133F75)
YUV	56.0000, 30.0730, -32.4490
Hunter-Lab	22.3110, 3.0141, -30.9229

Details

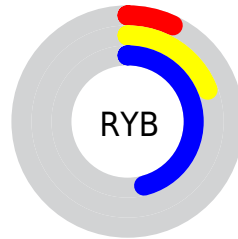
The Android color **4279451509** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285876499**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283461290**, and **4278195780** is the 20% darker color. If you saturate the color by 10%, you get **4278663541**, and if you desaturate by 10%, it is **4280239477**.

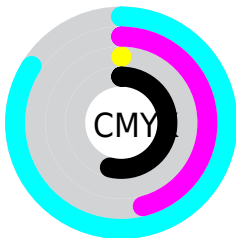
Distribution



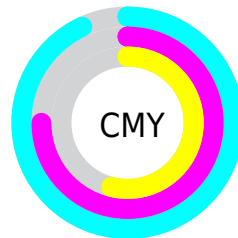
- Red (7%)
- Green (25%)
- Blue (46%)



- Red (7%)
- Yellow (19%)
- Blue (46%)



- Cyan (84%)
- Magenta (46%)
- Yellow (0%)
- Black (54%)



- Cyan (93%)
- Magenta (75%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279451509 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 4279451509 by changing the saturation by 10% instead.

 4279451509

 4279451509

4294967295

 4278200668

 4283461290

 4278195780

 4285237189

 4278190893

 4287078881

 4278190360

 4288855294

 4278190080

 4290697471

 4292605183

 4294574079

 4279451509

 4279451509

■ 4278663541

■ 4280239477

■ 4278203765

■ 4280962165

■ 4281750133

■ 4282538357

■ 4283326325

■ 4284049013

■ 4284836981

■ 4285625205

■ 4286347637

Harmonies

Analogous

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



4278208371



4279451509



4283249513

Triad

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



4279451509



4285213725



4278209324

Complementary

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



4279451509



4285876499

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.



4280633106



4279451509



4284167943

Square

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



4279451509



4285539383



4282663169



4278209608

Rectangle

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



4279451509



4284492634



4282663169



4278209059

Sweetspot

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



4279451509



4285760665



4279465289



4281745485



4291611852



4283256141

Same Dimension

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



4279451509



4278207897



4279767925



4281677627



4278204282



4278219002

Inverse Universe

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



4285862719



4288217157



4285560083



4282070327



4286185527



4294574192

Previews

White Background



This preview shows how the Android color 4279451509 looks on a white background.

Color Contrast Check

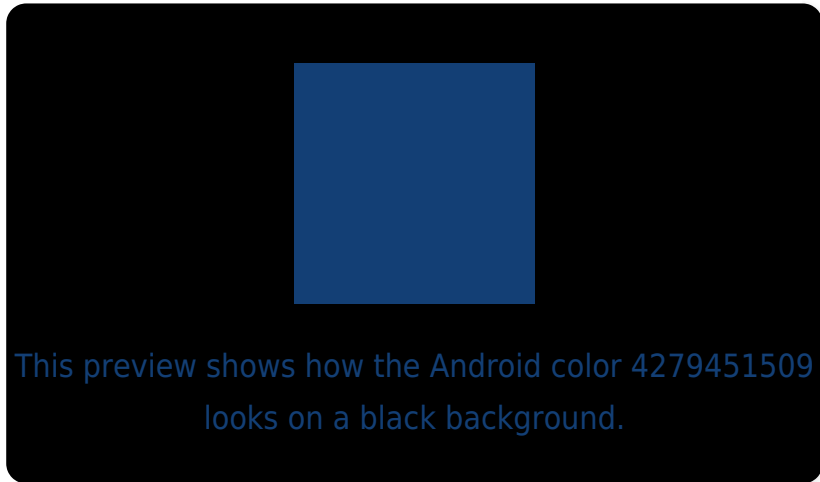
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279451509 Background



This preview shows how black text looks on a background with the Android color 4279451509.



This preview shows how white text looks on a background with the Android color 4279451509.

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
4279451509

Protanopia
4280565107

Deuteranopia
4278206577

Trichromacy



Original Color

4279451509

Protanomaly

4280172148

Deuteranomaly

4278665330

Tritanomaly

4278666074

Monochromacy



Original Color

4279451509

Achromatopsia

4281874488

Achromatomaly

4281023310

CSS Examples

Text

The CSS property to change the color of the text to Android 4279451509 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, 63, 117)` looks like.

```
.text, #text, p{  
    color:rgb(19, 63, 117)  
}
```

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, 63, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 63, 117) }
```

Border

The CSS property to change the border of an element to Android 4279451509 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, 63, 117) }
```

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

```
.border{ border-color:rgb(19, 63, 117) }
```

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

Here you see how a box with a 4 pixel rgb(19, 63, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 63, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 63, 117);  
box-shadow:4px 4px 4px 4px rgb(19, 63,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4279451509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 63, 117) }
```

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

```
.background{ background-color: rgb(19, 63,  
117) }
```

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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