

# Converting Colors

Android(4279721509)

Have a look what the booklet for  
Android(4279721509) contains.

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# Color

**Android(4279721509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	175E25
RGB	23, 94, 37
RGB Percent	9%, 37%, 15%
CMY	0.9098, 0.6314, 0.8549
CMYK	0.76, 0.00, 0.61, 0.63
HSL	132°, 61%, 23%
HSV	132°, 76%, 37%
XYZ	4.6900, 8.3211, 3.1092
YIQ	66.2730, -24.0190, -32.7790

# Conversions

## Conversions Part 2

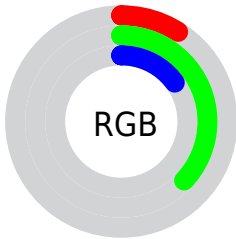
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 82, 94
Decimal	1531429
CIE <sub>Lab</sub>	34.64, -34.90, 26.18
CIE <sub>LCh</sub>	35, 43.628, 143.117
Yxy	8.3211, 0.2909, 0.5162
Android (android.graphics.Color)	4279721509 (0xFF175E25)
YUV	66.2730, -14.4316, -37.9504
Hunter-Lab	28.8464, -21.4598, 13.8019

# Details

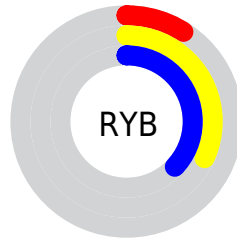
The Android color **4279721509** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4284356432**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4283339092**, and **4278202112** is the 20% darker color. If you saturate the color by 10%, you get **4279131677**, and if you desaturate by 10%, it is **4280311341**.

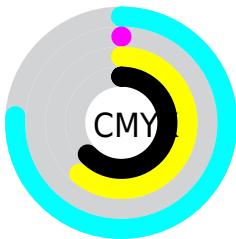
# Distribution



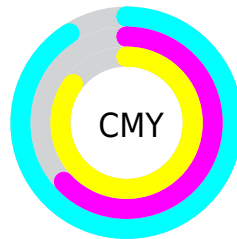
- Red (9%)
- Green (37%)
- Blue (15%)



- Red (9%)
- Yellow (32%)
- Blue (37%)



- Cyan (76%)
- Magenta (0%)
- Yellow (61%)
- Black (63%)



- Cyan (91%)
- Magenta (63%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279721509 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 4279721509 by changing the saturation by 10% instead.



 4279721509

 4279721509

4294967295

 4278208014

 4283339092

 4278202112

 4285049964

 4278196480

 4286826630

 4278190080

 4288603296

 4290445244

 4292280280

 4294180852

 4279721509

 4279721509

■ 4279131677

■ 4280311341

■ 4278476310

■ 4280966708

■ 4278214163

■ 4281556540

■ 4282211907

■ 4282801739

■ 4283391570

■ 4284046938

■ 4284636769

■ 4285292137

# Harmonies

## Analogous

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



4282931205



4279721509



4278214984

# Triad

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



4279721509



4278212759



4287574328

# Complementary

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



4279721509



4284356432

# 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.



4287311707



4279721509



4282469522

# Square

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



4279721509



4278214537



4285742204



4286725913

# Rectangle

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



4279721509



4278215264



4285742204



4287639364



# Sweetspot

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



4279721509



4284381796



4283522583



4281089327



4290624957



4282203453



# Same Dimension

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



4279721509



4278942241



4279721544



4280888874



4278218262



4278250799



# Inverse Universe

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



4284356432



4286188388



4284356397



4281215277



4285399128

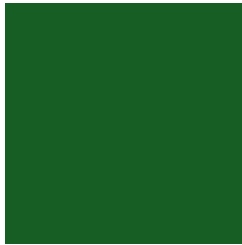


4293722302



# Previews

## White Background



This preview shows how the Android color 4279721509 looks on a white background.

## Color Contrast Check

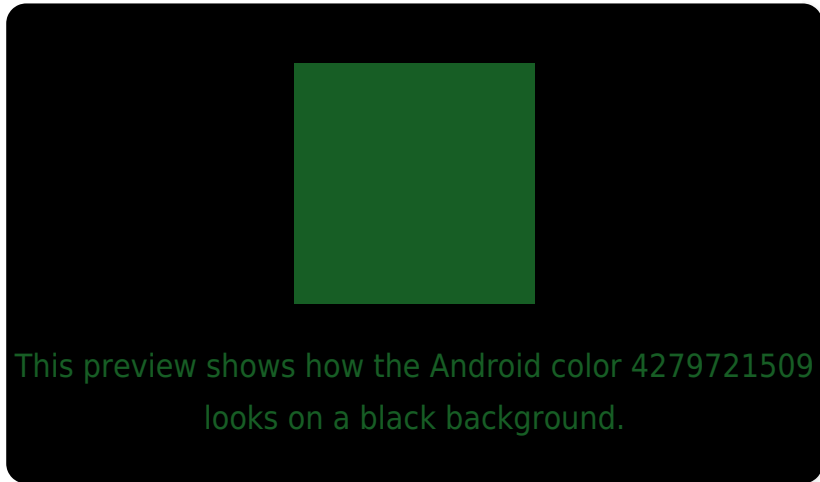
Large Text (above 18pt) WCAG AA ✓ Pass

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

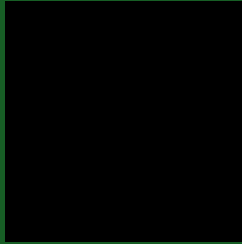
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279721509 Background



This preview shows how black text looks on a background with the Android color 4279721509.



This preview shows how white text looks on a background with the Android color 4279721509.

# 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**  
4279721509

**Protanopia**  
4284109089

**Deuteranopia**  
4284763434



# Trichromacy



**Original Color**  
4279721509

**Protanomaly**  
4282537506

**Deuteranomaly**  
4282929960

**Tritanomaly**  
4280572490

# Monochromacy



**Original Color**  
4279721509

**Achromatopsia**  
4282532418

**Achromatomaly**  
4281486391

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279721509 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, 94, 37)` looks like.

```
.text, #text, p{  
    color:rgb(23, 94, 37)  
}
```

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, 94, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 94, 37) }
```

## Border

The CSS property to change the border of an element to Android 4279721509 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, 94, 37) }
```

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

```
.border{ border-color:rgb(23, 94, 37) }
```

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

Here you see how a box with a 4 pixel rgb(23, 94, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 94, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 94, 37);  
box-shadow:4px 4px 4px 4px rgb(23, 94, 37)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279721509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 94, 37) }
```

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

```
.background{ background-color: rgb(23, 94,  
37) }
```

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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