

Converting Colors

Android(4286009502)

Have a look what the booklet for
Android(4286009502) contains.

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Color

Android(4286009502)

Conversions

Conversions Part 1

Format	Color
Hex	77509E
RGB	119, 80, 158
RGB Percent	47%, 31%, 62%
CMY	0.5333, 0.6863, 0.3804
CMYK	0.25, 0.49, 0.00, 0.38
HSL	270°, 33%, 47%
HSV	270°, 49%, 62%
XYZ	16.6480, 12.1279, 33.8112
YIQ	100.5530, -1.7940, 32.5260

Conversions

Conversions Part 2

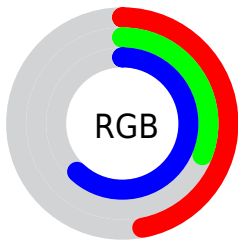
Format	Color
RYB	119, 80, 158
Decimal	7819422
CIELab	41.42, 32.26, -36.44
CIElCh	41, 48.666, 311.521
Yxy	12.1279, 0.2660, 0.1938
Android (android.graphics.Color)	4286009502 (0xFF77509E)
YUV	100.5530, 28.3214, 16.1780
Hunter-Lab	34.8251, 24.3871, -33.1863

Details

The Android color `4286009502` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4286029392`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4289561301`, and `4282655082` is the 20% darker color. If you saturate the color by 10%, you get `4285481118`, and if you desaturate by 10%, it is `4286537886`.

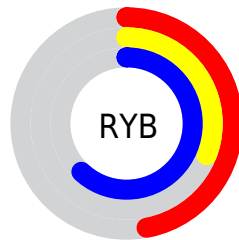
Distribution



Red (47%)

Green (31%)

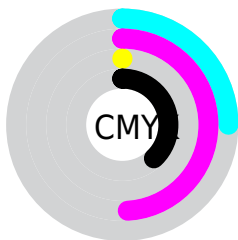
Blue (62%)



Red (47%)

Yellow (31%)

Blue (62%)

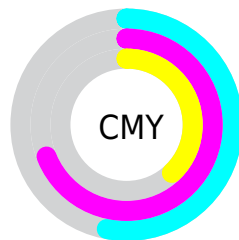


Cyan (25%)

Magenta (49%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286009502 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 4286009502 by changing the saturation by 10% instead.

 4286009502

 4286009502

4294967295

 4284299396

 4289561301

 4282655082

 4291403250

 4281010769

 4293310719

 4279631930

 4294956287

 4278190627

 4294963455

 4278190091

 4278190080

 4286009502

 4286009502

 4285481118

 4286537886

4284952734

4287066270

4284424606

4287594398

4283896222

4288122782

4283433374

4288651166

4283367582

4289114014

4289642398

4290170526

4290698910

Harmonies

Analogous

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



4280639920



4286009502



4288495484

Triad

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



4286009502



4287190797



4278219888

Complementary

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



4286009502



4286029392

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.



4278219591



4286009502



4284966145

Square

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



4286009502



4288759342



4282019360



4278219670

Rectangle

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



4286009502



4289214817



4282019360



4278219875

Sweetspot

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



4286009502



4290752719



4283463582



4284438121



4293454056



4285098345

Same Dimension

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



4286009502



4287780303



4288565406



4283123535



4282843279



4278714383

Inverse Universe

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



4288565367



4291777938



4283473488



4283385675



4287561799



4279173128

Previews

White Background



This preview shows how the Android color 4286009502 looks on a white background.

Color Contrast Check

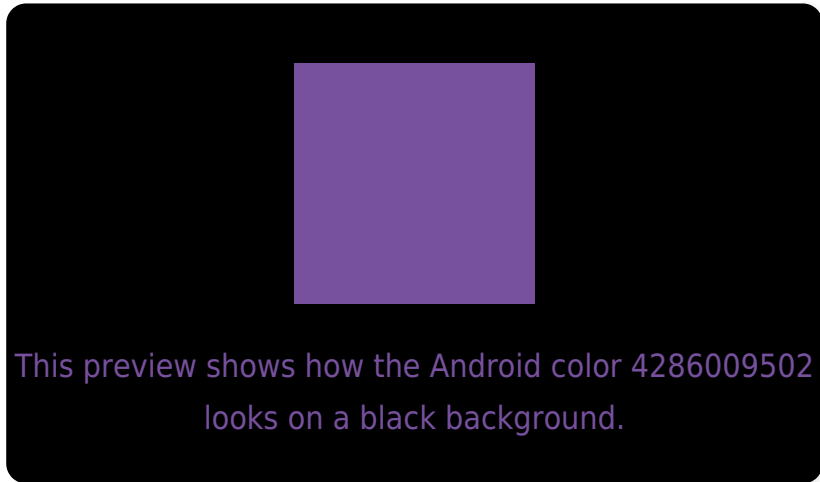
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

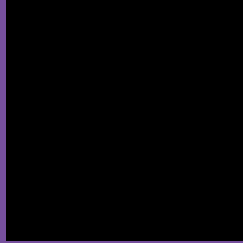
Any Text WCAG AA × Fail

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 4286009502 Background



This preview shows how black text looks on a background with the Android color 4286009502.



This preview shows how white text looks on a background with the Android color 4286009502.

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
4286009502

Protanopia
4282343340

Deuteranopia
4282606234



Tritanopia
4285357669

Trichromacy



Original Color
4286009502

Protanomaly
4283652775

Deuteranomaly
4283849627

Tritanomaly
4285618554

Monochromacy



Original Color
4286009502

Achromatopsia
4284835173

Achromatomaly
4285291898

CSS Examples

Text

The CSS property to change the color of the text to Android 4286009502 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(119, 80, 158)` looks like.

```
.text, #text, p{  
    color:rgb(119, 80, 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(119, 80, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 80, 158) }
```

Border

The CSS property to change the border of an element to Android 4286009502 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(119, 80, 158) }
```

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

```
.border{ border-color:rgb(119, 80, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 80, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 80, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 80, 158);  
box-shadow:4px 4px 4px 4px rgb(119, 80,  
158) }
```

Background

The CSS property to change the background color of an element to Android 4286009502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 80, 158) }
```

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

```
.background{ background-color: rgb(119, 80,  
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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