

Converting Colors

Android(4278659502)

Have a look what the booklet for
Android(4278659502) contains.

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Color

Android(4278659502)

Conversions

Conversions Part 1

Format	Color
Hex	0729AE
RGB	7, 41, 174
RGB Percent	3%, 16%, 68%
CMY	0.9725, 0.8392, 0.3176
CMYK	0.96, 0.76, 0.00, 0.32
HSL	228°, 92%, 35%
HSV	228°, 96%, 68%
XYZ	8.5205, 4.6870, 40.5000
YIQ	45.9960, -62.9570, 34.1550

Conversions

Conversions Part 2

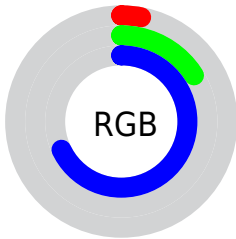
Format	Color
R_{YB}	7, 35, 174
Decimal	469422
CIE _{Lab}	25.82, 43.50, -71.72
CIE _{LCh}	26, 83.884, 301.237
Yxy	4.6870, 0.1586, 0.0873
Android (android.graphics.Color)	4278659502 (0xFF0729AE)
YUV	45.9960, 63.1060, -34.1995
Hunter-Lab	21.6496, 32.3648, -95.7595

Details

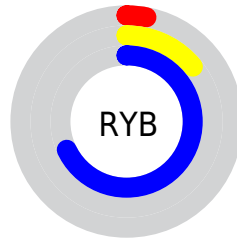
The Android color `4278659502` is a dark color, and the websafe version is hex `0033CC`. A complement of this color would be `4289629191`, and the grayscale version is `4281150765`.

A 20% lighter version of the original color is `4284504295`, and `4278190456` is the 20% darker color. If you saturate the color by 10%, you get `4278199214`, and if you desaturate by 10%, it is `4279777198`.

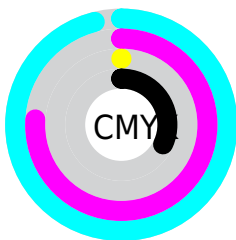
Distribution



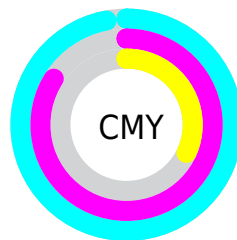
- Red (3%)
- Green (16%)
- Blue (68%)



- Red (3%)
- Yellow (14%)
- Blue (68%)



- Cyan (96%)
- Magenta (76%)
- Yellow (0%)
- Black (32%)



- Cyan (97%)
- Magenta (84%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278659502 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 4278659502 by changing the saturation by 10% instead.

 4278659502

 4278659502

4294967295

 4278195091

 4284504295

 4278190456

 4286542079

 4278190174

 4288514815

 4278192197

 4290553343

 4278191150

 4292526335

 4278190361

 4294499583

 4278190080

 4294965759

 4278659502

 4278659502

■ 4278199214

■ 4279777198

■ 4280960430

■ 4282078126

■ 4283261102

■ 4284378798

■ 4285496494

■ 4286679726

■ 4287797422

■ 4288980654

Harmonies

Analogous

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



4278208706



4278659502



4286906492

Triad

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



4278659502



4286125824



4278211134

Complementary

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



4278659502



4289629191

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.



4278210304



4278659502



4283055360

Square

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



4278659502



4288282624



4278209024



4278211455

Rectangle

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



4278659502



4288479315



4278209024



4278210856

Sweetspot

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



4278659502



4288786403



4278693514



4283126643



4294111986



4285756275

Same Dimension

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



4278659502



4278202083



4281730990



4283322455



4278198166



4278191383

Inverse Universe

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



4289595177



4293066798



4286557703



4283911760



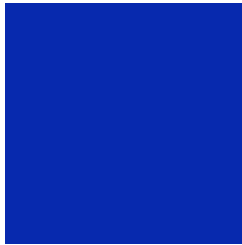
4288020511



4279697413

Previews

White Background



This preview shows how the Android color 4278659502 looks on a white background.

Color Contrast Check

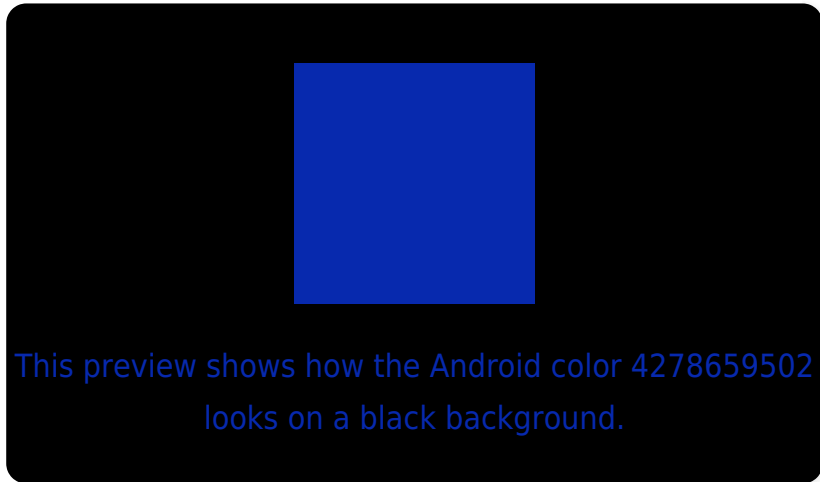
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278659502 Background



This preview shows how black text looks on a background with the Android color 4278659502.



This preview shows how white text looks on a background with the Android color 4278659502.

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
4278659502

Protanopia
4278205309

Deuteranopia
4278206314

Trichromacy



Original Color

4278659502

Protanomaly

4278400143

Deuteranomaly

4278400899

Monochromacy



Original Color

4278659502

Achromatopsia

4281216558

Achromatomaly

4280298589

CSS Examples

Text

The CSS property to change the color of the text to Android 4278659502 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(7, 41, 174)` looks like.

```
.text, #text, p{  
    color:rgb(7, 41, 174)  
}
```

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(7, 41, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 41, 174) }
```

Border

The CSS property to change the border of an element to Android 4278659502 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(7, 41, 174) }
```

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

```
.border{ border-color:rgb(7, 41, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 41, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 41, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 41, 174);  
box-shadow:4px 4px 4px 4px rgb(7, 41, 174)  
}
```

Background

The CSS property to change the background color of an element to Android 4278659502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 41, 174) }
```

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

```
.background{ background-color: rgb(7, 41,  
174) }
```

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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