

Converting Colors

Android(4278995046)

Have a look what the booklet for
Android(4278995046) contains.

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Color

Android(4278995046)

Conversions

Conversions Part 1

Format	Color
Hex	0C4866
RGB	12, 72, 102
RGB Percent	5%, 28%, 40%
CMY	0.9529, 0.7176, 0.6000
CMYK	0.88, 0.29, 0.00, 0.60
HSL	200°, 79%, 22%
HSV	200°, 88%, 40%
XYZ	4.8673, 5.6722, 13.4087
YIQ	57.4800, -45.3900, -3.3900

Conversions

Conversions Part 2

Format	Color
R_{YB}	12, 48, 102
Decimal	804966
CIE _{Lab}	28.57, -6.44, -22.66
CIE _{LCh}	29, 23.556, 254.140
Yxy	5.6722, 0.2032, 0.2369
Android (android.graphics.Color)	4278995046 (0xFF0C4866)
YUV	57.4800, 21.9484, -39.8860
Hunter-Lab	23.8164, -5.1994, -16.7090

Details

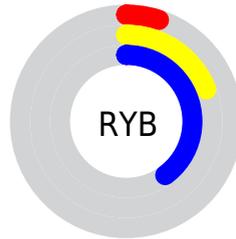
The Android color **4278995046** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **4284885516**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4283005081**, and **4278197559** is the 20% darker color. If you saturate the color by 10%, you get **4278338918**, and if you desaturate by 10%, it is **4279651174**.

Distribution



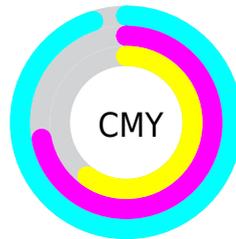
- Red (5%)
- Green (28%)
- Blue (40%)



- Red (5%)
- Yellow (19%)
- Blue (40%)



- Cyan (88%)
- Magenta (29%)
- Yellow (0%)
- Black (60%)



- Cyan (95%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278995046 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 4278995046 by changing the saturation by 10% instead.

 4278995046

 4278995046

4294967295

 4278202958

 4283005081

 4278197559

 4284781236

 4278190626

 4286557648

 4278190087

 4288334060

 4278190080

 4290176255

 4292018175

 4293918719

 4278995046

 4278995046

■ 4278338918

■ 4279651174

■ 4278207590

■ 4280307558

■ 4281029222

■ 4281685606

■ 4282341734

■ 4282997862

■ 4283654246

■ 4284375910

■ 4285032294

Harmonies

Analogous

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



4278209628



4278995046



4281746022

Triad

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



4278995046



4284888379



4281485865

Complementary

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



4278995046



4284885516

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.



4282795295



4278995046



4284627243

Square

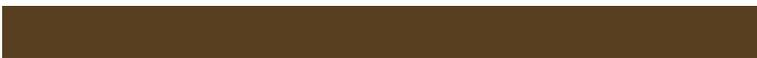
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4278995046



4284495438



4283907872



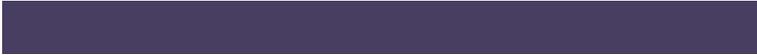
4279782457

Rectangle

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



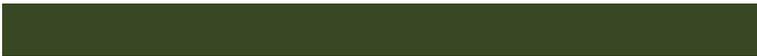
4278995046



4282924641



4283907872



4281944100

Sweetspot

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



4278995046



4284643717



4279002666



4281219906



4290953922



4282532418

Same Dimension

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



4278995046



4278212741



4278983526



4281217331



4278209651



4278231538

Inverse Universe

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



4284877896



4286906456



4284897036



4281544241



4285726796



4294049953

Previews

White Background



This preview shows how the Android color 4278995046 looks on a white background.

Color Contrast Check

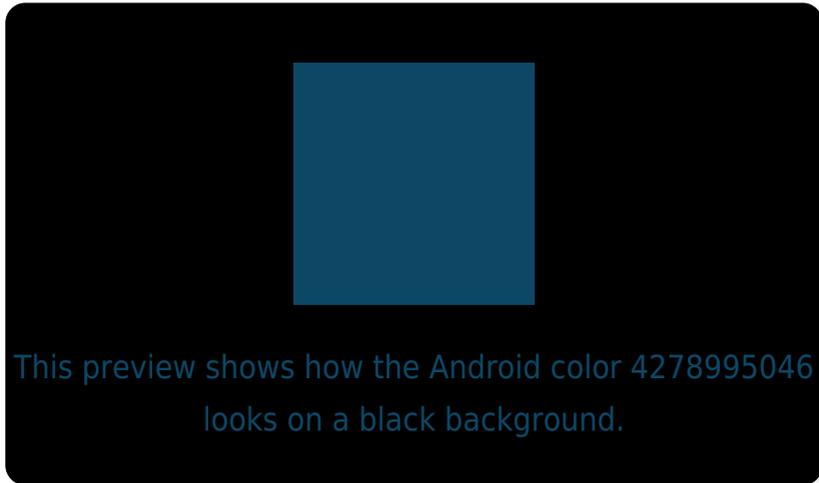
Large Text (above 18pt) WCAG AA ✓ Pass

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

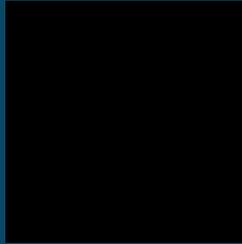
Any Text WCAG AA × Fail

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 4278995046 Background



This preview shows how black text looks on a background with the Android color 4278995046.



This preview shows how white text looks on a background with the Android color 4278995046.

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

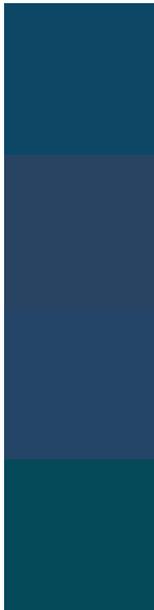


Original Color
4278995046

Protanopia
4281942625

Deuteranopia
4281484135

Trichromacy



Original Color

4278995046

Protanomaly

4280894563

Deuteranomaly

4280567143

Tritanomaly

4278471257

Monochromacy



Original Color

4278995046

Achromatopsia

4281940281

Achromatomaly

4280893001

CSS Examples

Text

The CSS property to change the color of the text to Android 4278995046 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(12, 72, 102)` looks like.

```
.text, #text, p{  
    color:rgb(12, 72, 102)  
}
```

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(12, 72, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 72, 102) }
```

Border

The CSS property to change the border of an element to Android 4278995046 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(12, 72, 102) }
```

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

```
.border{ border-color:rgb(12, 72, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 72, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 72, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 72, 102);  
box-shadow:4px 4px 4px 4px rgb(12, 72,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4278995046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 72, 102) }
```

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

```
.background{ background-color: rgb(12, 72,  
102) }
```

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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