

Converting Colors

Android(4282749566)

Have a look what the booklet for
Android(4282749566) contains.

Android(4282749566)	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(4282749566)

Conversions

Conversions Part 1

Format	Color
Hex	45927E
RGB	69, 146, 126
RGB Percent	27%, 57%, 49%
CMY	0.7294, 0.4275, 0.5059
CMYK	0.53, 0.00, 0.14, 0.43
HSL	164°, 36%, 42%
HSV	164°, 53%, 57%
XYZ	16.4990, 23.3293, 23.3721
YIQ	120.6970, -39.4720, -22.5440

Conversions

Conversions Part 2

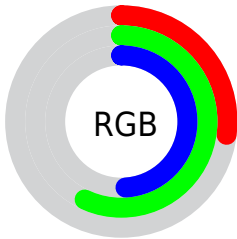
Format	Color
R _{YB}	69, 113, 146
Decimal	4559486
CIE _{Lab}	55.41, -28.88, 3.37
CIE _{LCh}	55, 29.079, 173.344
Y _{xy}	23.3293, 0.2611, 0.3691
Android (android.graphics.Color)	4282749566 (0xFF45927E)
YUV	120.6970, 2.6144, -45.3383
Hunter-Lab	48.3005, -23.5517, 5.1205

Details

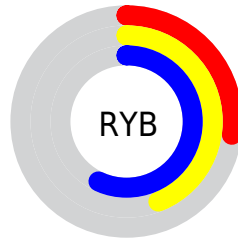
The Android color `4282749566` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287776089`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4286302387`, and `4278345549` is the 20% darker color. If you saturate the color by 10%, you get `4281766522`, and if you desaturate by 10%, it is `4283732610`.

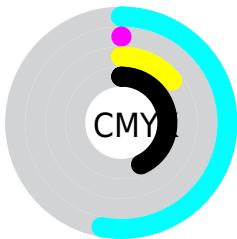
Distribution



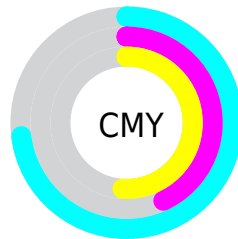
- Red (27%)
- Green (57%)
- Blue (49%)



- Red (27%)
- Yellow (44%)
- Blue (57%)



- Cyan (53%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (73%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282749566 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 4282749566 by changing the saturation by 10% instead.



4282749566



4282749566

4294967295



4280907877



4286302387



4278345549



4288079310



4278208310



4289921002



4278202401



4291821567



4278197258



4293722111



4278190080



4282749566



4282749566



4281766522



4283732610



4280849014



4284650118

 4279865971

 4285633161

 4278948463

 4286550669

 4278227564

 4287533713

 4288516757

 4289434265

 4290417308

 4291334816

Harmonies

Analogous

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



4284780390



4282749566



4280980120

Triad

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



4282749566



4286611635



4289624413

Complementary

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



4282749566



4287776089

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.



4290146930



4282749566



4288640931

Square

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



4282749566



4283992502



4289884811



4288381267

Rectangle

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



4282749566



4280979622



4289884811



4289885795

Sweetspot

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



4282749566



4288658869



4284125765



4283194970



4292796126



4284374622

Same Dimension

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



4282749566



4282826142



4282744978



4282600008



4278225510



4278192648

Inverse Universe

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



4287776089



4290594405



4287780677



4283056964



4287234084



4278845443

Previews

White Background



This preview shows how the Android color 4282749566 looks on a white background.

Color Contrast Check

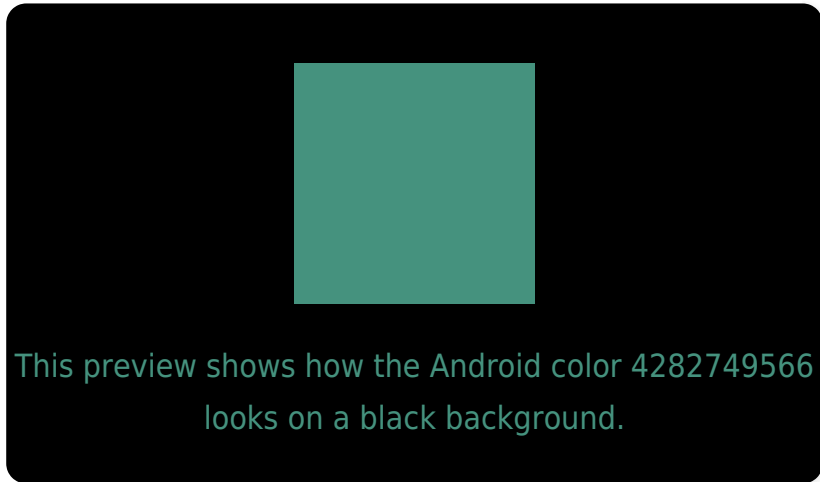
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

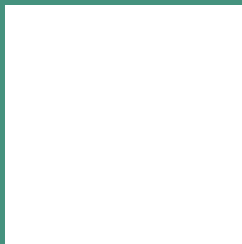
Any Text WCAG AAA × Fail

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

Android 4282749566 Background



This preview shows how black text looks on a background with the Android color 4282749566.

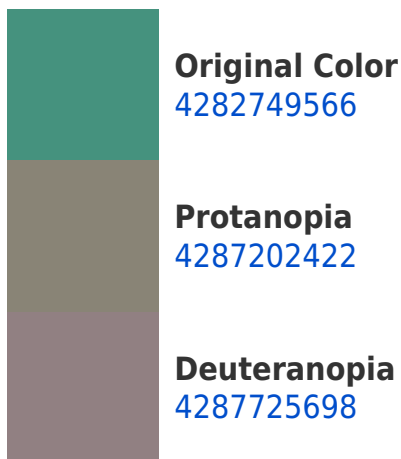


This preview shows how white text looks on a background with the Android color 4282749566.

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



Trichromacy



Original Color
4282749566

Protanomaly
4285565305

Deuteranomaly
4285892481

Tritanomaly
4283142032

Monochromacy



Original Color
4282749566

Achromatopsia
4286151033

Achromatomaly
4284908155

CSS Examples

Text

The CSS property to change the color of the text to Android 4282749566 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(69, 146, 126)` looks like.

```
.text, #text, p{  
    color:rgb(69, 146, 126)  
}
```

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(69, 146, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 146, 126) }
```

Border

The CSS property to change the border of an element to Android 4282749566 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(69, 146, 126) }
```

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

```
.border{ border-color:rgb(69, 146, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 146, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 146, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 146, 126);  
box-shadow:4px 4px 4px 4px rgb(69, 146,  
126) }
```

Background

The CSS property to change the background color of an element to Android 4282749566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 146, 126) }
```

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

```
.background{ background-color: rgb(69, 146,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor