

Converting Colors

Android(4282226337)

Have a look what the booklet for
Android(4282226337) contains.

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Color

Android(4282226337)

Conversions

Conversions Part 1

Format	Color
Hex	3D96A1
RGB	61, 150, 161
RGB Percent	24%, 59%, 63%
CMY	0.7608, 0.4118, 0.3686
CMYK	0.62, 0.07, 0.00, 0.37
HSL	187°, 45%, 44%
HSV	187°, 62%, 63%
XYZ	19.2638, 25.3780, 37.6013
YIQ	124.6430, -56.5750, -15.4470

Conversions

Conversions Part 2

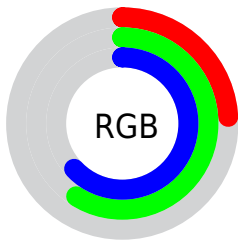
Format	Color
RYB	61, 108, 161
Decimal	4036257
CIELab	57.44, -22.86, -13.69
CIELCh	57, 26.647, 210.923
Yxy	25.3780, 0.2342, 0.3086
Android (android.graphics.Color)	4282226337 (0xFF3D96A1)
YUV	124.6430, 17.9240, -55.8149
Hunter-Lab	50.3766, -19.9012, -8.9908




Details

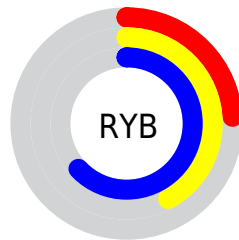
The Android color `4282226337` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288759869`, and the grayscale version is `4286414205`.




A 20% lighter version of the original color is `4286041304`, and `4278215533` is the 20% darker color. If you saturate the color by 10%, you get `4281177249`, and if you desaturate by 10%, it is `4283275425`.

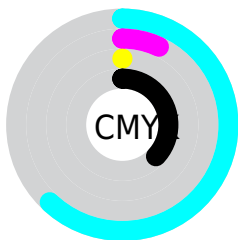
Distribution







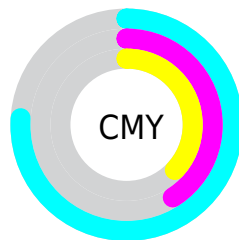
-  Red (24%)
-  Green (59%)
-  Blue (63%)






-  Red (24%)
-  Yellow (42%)
-  Blue (63%)



-  Cyan (62%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (76%)
-  Magenta (41%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282226337 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 4282226337 by changing the saturation by 10% instead.



4282226337



4282226337

4294967295



4279860359



4286041304



4278215533



4287949300



4278209365



4289789951



4278203454



4291690495



4278198312



4293656575



4278190356



4278190080



4282226337



4282226337



4281177249



4283275425

■ 4280128161

■ 4284324513

■ 4279079329

■ 4285373345

■ 4278226849

■ 4286422433

■ 4287537057

■ 4288586145

■ 4289634977

■ 4290684065

■ 4291733153

Harmonies

Analogous

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



4283144074



4282226337



4283142834

Triad

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



4282226337



4289232033



4288252251

Complementary

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



4282226337



4288759869

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.



4289560930



4282226337



4290148746

Square

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



4282226337



4287530162



4290214515



4286681185

Rectangle

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



4282226337



4284518071



4290214515



4288775772

Sweetspot

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



4282226337



4289318353



4282229063



4283524713



4293454056



4285098345

Same Dimension

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



4282226337



4281647313



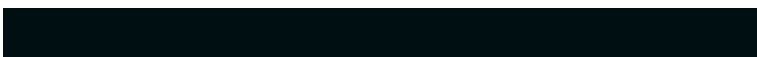
4282213793



4282995026



4278223249



4278194194

Inverse Universe

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



4288757142



4291900608



4288772413



4283582801



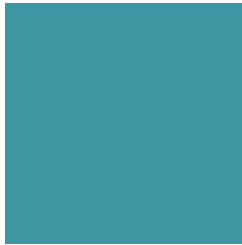
4287692929



4279369744

Previews

White Background



This preview shows how the Android color 4282226337 looks on a white background.

Color Contrast Check

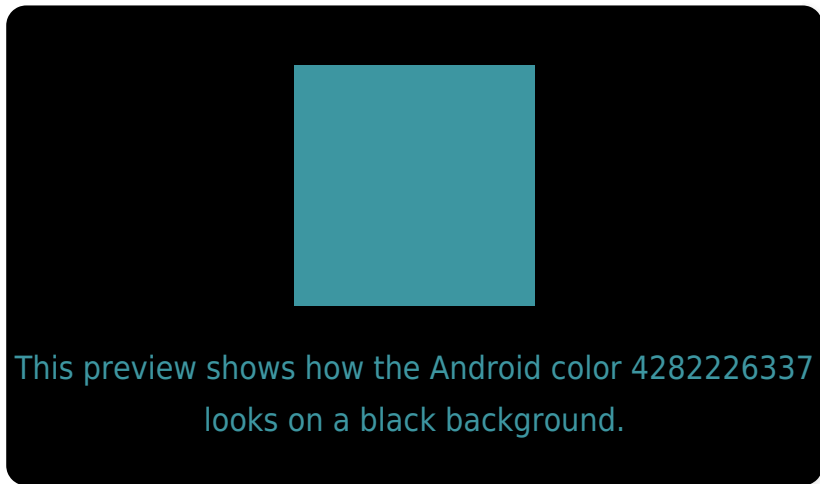
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282226337 Background



This preview shows how black text looks on a background with the Android color 4282226337.

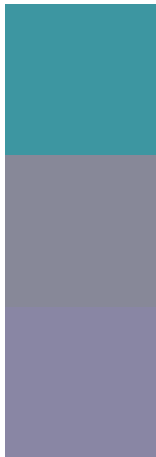


This preview shows how white text looks on a background with the Android color 4282226337.

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
4282226337

Protanopia
4287072408

Deuteranopia
4287202980

Trichromacy



Original Color
4282226337

Protanomaly
4285304219

Deuteranomaly
4285369507

Tritanomaly
4282226338

Monochromacy



Original Color
4282226337

Achromatopsia
4286414205

Achromatomaly
4284909194

CSS Examples

Text

The CSS property to change the color of the text to Android 4282226337 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(61, 150, 161)` looks like.

```
.text, #text, p{  
    color:rgb(61, 150, 161)  
}
```

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(61, 150, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 150, 161) }
```

Border

The CSS property to change the border of an element to Android 4282226337 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(61, 150, 161) }
```

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

```
.border{ border-color:rgb(61, 150, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 150, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 150, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 150, 161);  
box-shadow:4px 4px 4px 4px rgb(61, 150,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4282226337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 150, 161) }
```

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

```
.background{ background-color: rgb(61, 150,  
161) }
```

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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